The National

Future Farmer

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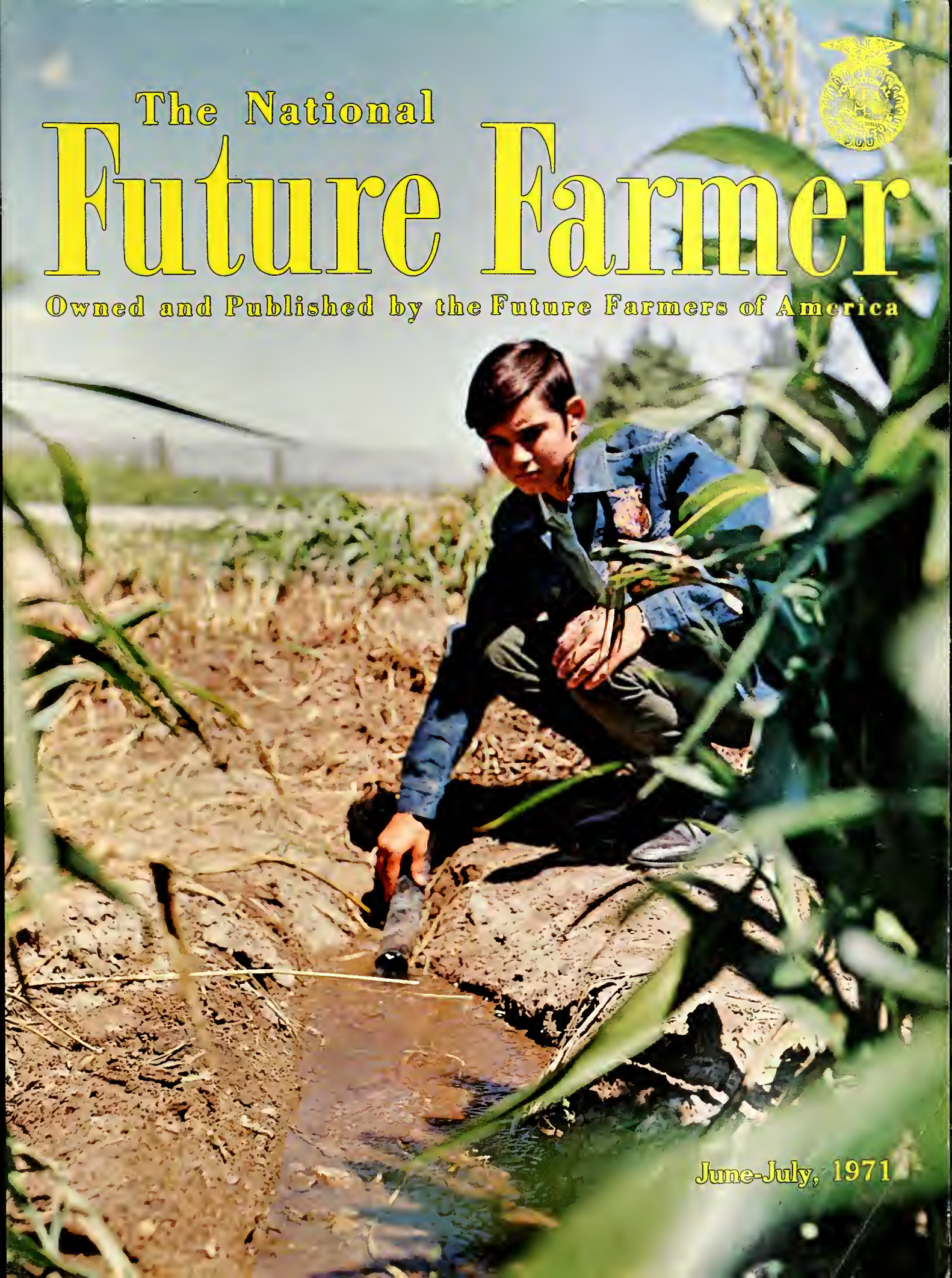
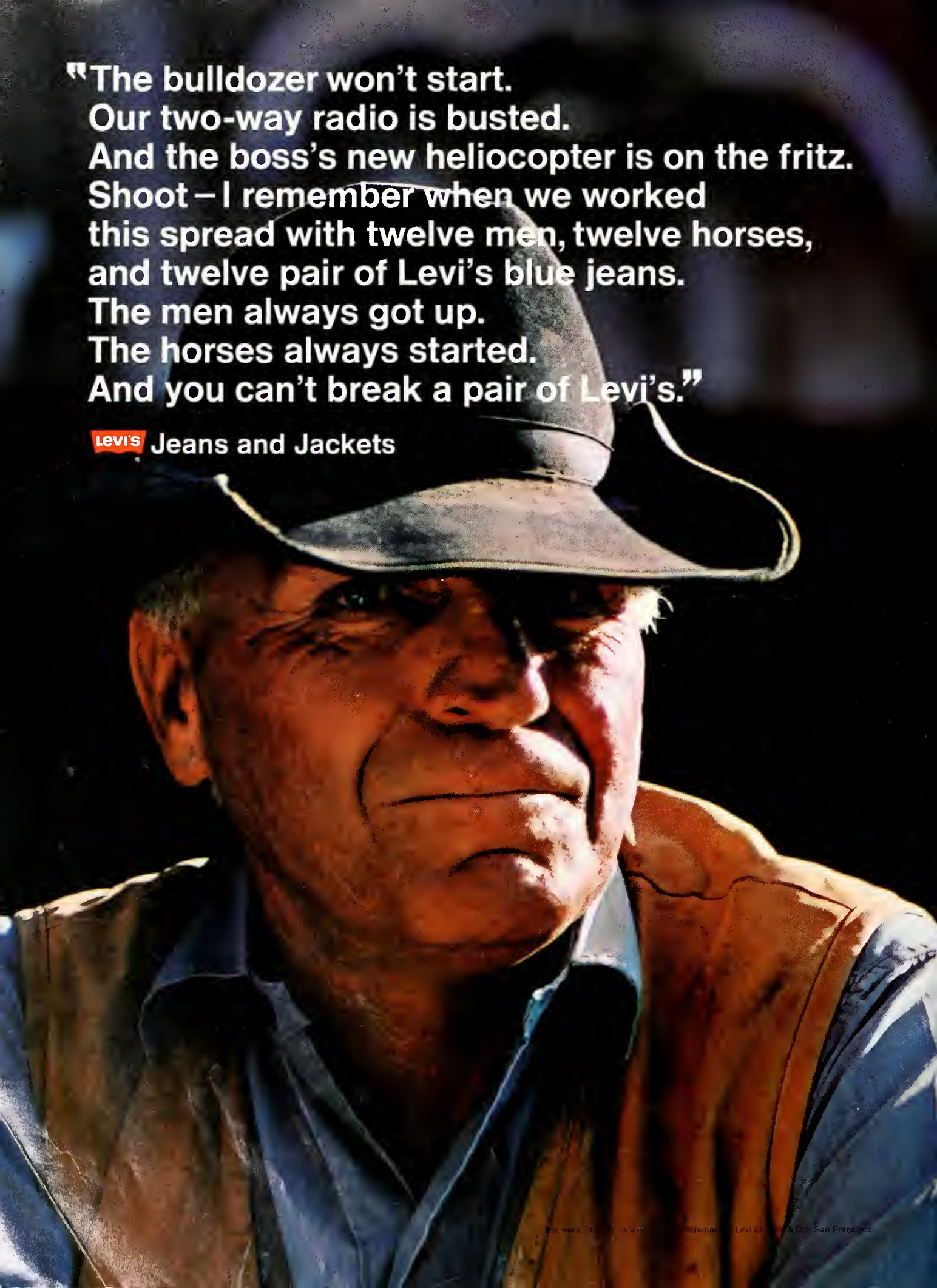


June-July, 1971


"The bulldozer won't start.
Our two-way radio is busted.
And the boss's new heliocopter is on the fritz.
Shoot – I remember when we worked
this spread with twelve men, twelve horses,
and twelve pair of Levi's blue jeans.
The men always got up.
The horses always started.
And you can't break a pair of Levi's."
LEVI'S Jeans and Jackets

The National
Future Farmer

VOLUME 19 NUMBER 5 JUNE-JULY, 1971

Departments

Mailbag	4	Chapter Scoop	24
Looking Ahead	6	Something New	35
Agri-Careers	23	Joke Page	38

Agri-Emphasis: Agribusiness

Moving Up In Processing	15	Off And Running	18
Becoming A Veterinarian	16	Trainee To Stockholder	18
Idea For Hire	18		

Other Features

Spreading The Word	8	Off The Beaten Path	22
Involved In America	10	Program Of Activities	26
Naturalist In The Making	12	Riding Into The Wilderness	28
Doing Together	14	FFA In Action	30
Fitting Cattle For Show	32		

Our Cover

Irrigating mila is Mike Thompson of Sulfur Springs Valley, Arizona. Mike, who is gaining experience by working for an areo former, is a member of the Elfrida FFA at Valley Union High School. Supervising ogricultural work experience at Elfrida is Advisor Pat English.

Photo by Guy Price

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Point to Ponder

THE phone rang in my office the other day. I picked up the receiver and my secretary said, "There is a Mr. Jerome Donovan who would like to speak with you."

The name sounded familiar so I said, "Put him on."

He introduced himself by saying, "Do you remember a National FFA Officer who was around about ten years ago by the name of Jerome Donovan?"

I said yes as it hit me. I did remember.

Jerome said he was teaching vocational agriculture in Delaware, Ohio. He had a couple of new programs going that might be of interest for a story; one was a class in horseshoeing, another a class in artificial insemination.

My thought was, "My, what a change from the days when I was in a vocational agriculture class."

As we talked further one thing seemed apparent. Vocational agriculture is still filling the needs of the community today just as it did when I was a student. The course of study may have changed and the name may be different but these courses were being taught because there was a need for them—people who wanted and needed this training.

We cannot take it for granted that vocational agriculture and FFA will always be a part of the local school system. They will be only if you and other people in your state and community want them and let these desires be known to school authorities.

Name Change

While the response was not overwhelming, some of you did write concerning the name change for FFA. Nearly half of those writing felt the name should remain Future Farmers of America. Others offered a variety of possible names with no clear cut majority for any one of them. About the only conclusion that can be drawn is that the problem of a new name remains with us. For sample letters and some of the suggestions for a new name, see "From the Mailbag," on page 4.

Wilson Carnes
Editor

DRAW ME CONTEST

5 Art Scholarships and 100 Cash Prizes

Over $5000 in Prizes Awarded Monthly

Let the Cowboy help you test your talent. You may win one of five $795.00 Commercial Art Scholarships or any one of one hundred $10.00 cash prizes!

Draw the Cowboy any size except like a tracing. Use pencil. Every qualified entrant receives a free professional estimate of his art talent.

Scholarship winners get the complete home study course in commercial art taught by Art Instruction Schools, Inc., one of America's leading home study art schools.

Try for an art scholarship in advertising art, illustrating, cartooning and painting. Your entry will be judged in the month received but not later than July 31, 1971. Prizes awarded for best drawings of various subjects received from qualified entrants age 14 and over. One $25 cash award for the best drawing from entrants age 12 and 13. No drawings can be returned. Our students and professional artists not eligible. Contest winners will be notified. Send your entry today.

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Studio 1U-3540
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Please enter my drawing in your monthly contest. (PLEASE PRINT)

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Occupation_____ Age_____

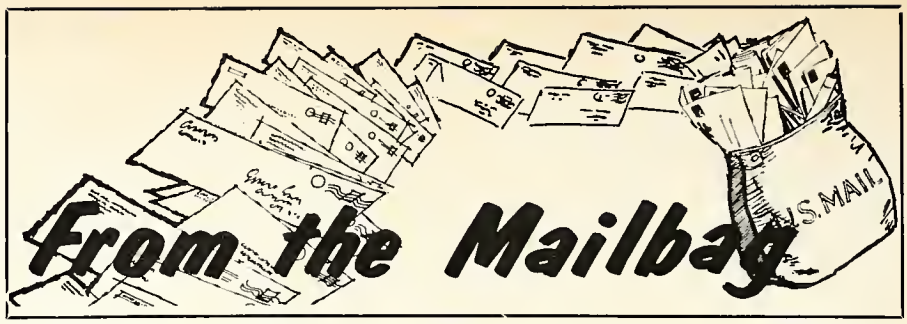
Address_____ Apt._____

City_____ State_____

County_____ Zip Code_____

Telephone Number_____

Accredited by the Accrediting Commission of the National Home Study Council.



In the last issue, we asked members, "What do you think the name of the organization should be?"

Here are some of the opinions—both to change the name of the organization and not to change the name. Many of the suggested changes have already been voiced at state and national meetings. Nearly all of them were different words to go with the letters "FFA."

This topic will no doubt continue to be a "hot" item of discussion within the organization.—Ed.

Suggests A Name Change

Oak Grove, Louisiana

I have held out a long time for no name change, but it seems imperative that we change but maintain "FFA."

Let it represent Future Friends of Agriculture.

James M. Welch
Advisor

Santa Maria, California

I feel that we should change the name of our organization to Future Agriculturists of America.

Megan Miller
Righetti Chapter

Godley, Texas

Although I feel the basis of our name problem lies in the definition of the word "farmer," I do have this suggestion for a name change. Federation of Future Agriculturists.

Bruce Gibson

Springfield, Ohio

In reply to the April-May Issue of the magazine, our chapter's vote for a name change is "Federation of Future Agriculturalists."

This would provide for the FFA initials and yet include the increasing number of students studying and entering the fields of ag-related industries.

Springfield-Clark Chapter

Corona, California

Corona Chapter offers the following: Future Federation of Agriculturists. Nick name: Agies.

Corona Chapter

Woodstock, Illinois

My name change idea is: Future Farmers and Agriculturists.

Clayton Ebert

Suggests No Name Change

Miles, Texas

I think the name and initials FFA are very important. Even though it is now related to ranching and other agriculture, the name should remain the same.

I'm proud of the Future Farmers of America organization.

Kent Lacy
Chapter Treasurer

Albion, Nebraska

I think the name FFA should not be changed. The people in FFA not involved directly in production of agricultural products should be glad to be associated with the name.

I live on a farm and am proud to be a member of this organization and am proud to be called an FFA'er.

Joseph Atwood

Wolcott, Indiana

I feel the FFA letters should not be changed if possible. Also the creed, motto, jacket and jacket color should not be changed.

Mark Bahler

Brenham, Texas

What does the Future Farmers of America mean to you? Yes, some say change the name; bring it up to date. Yet, when we think of production of crops, livestock, poultry, and even fish, today, where are these things being produced? Not in agribusiness, but down on the farm.

It is up to the individual to expand agriculture through education, by showing the people of the world that farming is here to stay.

Chemicals are used to control insects, change soil conditions, and to purify our water. But, when we send men to the moon, what do they bring back? *Soil!* Yes, soil, the very thing America has depended on for many, many years. The American farmer today is no different than the man of November, 1928. Education has made the difference. So, I say don't change the name. Work and build the image in our cities and on the tables of America.

Carter M. Dibrell
Advisor

Victorville, California

I am a Future Farmer, And I am proud to be called a farmer. I live in town in the residential area, but twice a day I walk one-half mile to where I keep my steer and six sheep to feed them.

I believe that, if we change the name of our organization, we would forget what we stand for and what we started on.

I memorized the FFA Creed as a Greenhand. Read it one day and think what every word means. Our organization is based on every word in that creed.

The Future Farmer is what makes America great. We are a special kind of men and women, for we are interested in America and what we are doing for America. I oppose a name change.

Billy J. Cox

Targets. Tin cans. Tough game...T22 'em

A great new breakthrough in standard velocity, low cost, rim fire fun.

The all-around 22 shooter can be one tough customer when it comes to demanding premium performance without premium price.

But now we've got an accurate new line on winning over this hotshot, whatever his game.

Presenting new Winchester or Western T22s. They're precision-built new shorts and long rifles that cost no more than other standard velocity 22s, while giving all the consistent accuracy you need for everything but the most severe match competition.

The "T" in T22 stands for "Target," as in "Bullseye." And the target-quality performance they give you comes from components that are as precisely-engineered as those that go into our biggest center fire loads: Scientifically-designed bullet contour.

Specially-formulated brass case. Clean, progressive-burning Ball Powder. Consistent, non-corrosive primer. We've put it all together now in a new 22 load that's a real over-achiever in every department except price.

T22s. The new brand the demanding rim fire sportsman should start demanding from his favorite dealer, starting right now. Winchester-Western, 275 Winchester Avenue, New Haven, Connecticut 06504.

WINCHESTER-Western®

Quality-made by Professional Shooters.

Looking Ahead

Livestock

ODOR CONTROL—A new product that neutralizes the gases which cause odors from manure and urine of animals has been put on the market by Ralston Purina Company. Purina Clean Air, as it is called, has particular application to swine parlors and cage type poultry houses because it controls ammonia and other putrefactive odors. Other areas of use are barns, feedlots, manure piles, mink ranches, dog and cat kennels, and small animal laboratories. The product is said to "lock" nitrogen in the manure, making it more valuable as fertilizer. One application lasts for two weeks or longer and can be applied with hand scoops, shovels, fertilizer spreader, or other suitable equipment on cleaned surfaces or directly on the animal waste.

MEAT CODE—A simplified four-digit code for dating consumer packaged meat products has been recommended by the American Meat Institute (AMI). The new code, approved by AMI directors for adoption by the nation's meat processing industry, will date products with the first two digits indicating the month and the last two indicating the day. The old code was little understood by consumers because digits had to be added to indicate the month of packaging or quality assurance.

NEWEST BREED—Another new French beef breed, the Blonde d'Aquitaine, will soon be progeny tested in the U.S. by Big Beef Hybrids of Stillwater, Minnesota. The origin of the breed dates back to cattle that established themselves as three distinct families in separate geographical regions. In 1961, though, the three strains were consolidated under one herd book. Now all that remains for admission of the Blondes to the U.S. is completion of USDA tests on semen and bull health.

Crops

REFRIGERATED GRAIN—A new storage system developed by Frigidome Division of Aluminum Company of America uses refrigeration to cool and dry grain. The system, known as Frigi-Bin Dri-Hold, is an all electric, two-bin system, that according to the company, eliminates cooked kernels, stress cracks, and accumulation of combustibles. Condensor heat dries shelled corn in one bin, reducing moisture content from 28 to 20 percent. In the other bin, refrigeration lowers the moisture level to 18 percent or less. Meanwhile, more corn is dried in the first bin.

PLANT BREEDING—A new biochemical technique for "breeding" plants for hybrid vigor in test tubes is being refined by a USDA Agricultural Research Service geneticist. The technique, called mitochondrial complementation (MC), indicates the rate and efficiency of a plant's growth by the respiratory rate of cell mitochondria. Parent mitochondria mixed together in a solution have a high yield potential if the mixture shows an increased respiratory rate—in contrast to the respiratory rate of either parent. Implications—MC would reduce the number of field tests of experimental lines and cut two years from the conventional five-year breeding program required to develop a hybrid.

BLIGHT WATCH—Advance plans are under way to conduct a ground and air study of Southern corn leaf blight during 1971. The project will be conducted by the USDA and the National Aeronautics and Space Administration in cooperation with Purdue University and the University of Michigan. Utilizing remote aerial sensing techniques in coordination with special ground observations over 200 sites will be surveyed in eight corn belt states. The ground-air study will be carried out from June through September.

MOISTURE CORN—A new market has opened up for grain elevators—that of merchandising high moisture corn. Using A. O. Smith oxygen-limiting Harvestore structures some grain elevators sell not only natural high moisture corn, but reconstituted corn as well. Reconstitution occurs when water is added to dry corn bringing its moisture up to 20-28 percent. Corn is then stored for at least 21 days allowing mild fermentation to occur, increasing corn palatability. Using bottom unloading, corn is then sold to farmers for feeding.

Management

YOUTH EMPLOYMENT—With the coming of summer many youth will be seeking employment in agriculture. The law now requires that workers on large farms must be paid a minimum wage of $1.30 an hour, regardless of age. Youth of any age may be employed in non-hazardous agricultural jobs outside of school hours. However, regulations restrict farm workers under 16 years from operating certain tractors and agricultural machinery or engaging in other hazardous occupations. Exceptions are provided for youth 14 years or older who have taken vocational agriculture or 4-H training on tractors and certain farm machinery.

SOCIAL SECURITY—The young summer worker who is paid $150 or more in cash wages from one employer, or who works 20 days or more a year for one employer is covered under Social Security. Therefore, if you are employed in agribusiness this summer, be sure to supply your employers with your social security number so that they may report your earnings to the Social Security Administration.

Fuel

ENERGY NEEDS—The nation's needs for energy are expected to more than double by the year 2000, according to projections of the U.S. Bureau of Mines. USDA's *Farm Index* indicates that the demand and quest for new sources of energy are going to be carried out in the rural areas. Many new power facilities will be erected outside the congested cities and suburbs. Also, the disturbance of land will be great, as the excavation of fossil fuels is expected to provide much of the needed energy. The demand for coal, natural gas, petroleum, and hydroelectric power will expand by 100 percent while the use of nuclear power will increase by more than 300-fold.

If you could get more work done in less time, your cost per acre would go down.

Your profit per acre would go up.

That's why you should buy Firestone 23° bar angle tires.

Up to 28% less slip. Up to 30% longer wear. That's how Firestone's original equipment tire—the All Traction Field & Road—performs against other leading new lug designs.

This means substantial savings in time, savings in fuel, savings in wear and tear.

The same basic 23° bar angle advantages are yours in the heavy-duty Deep Tread, and the Field & Road, a quality economy tire.

And we're not asking you to take all this on faith. We have the facts. The best bar angle is 23°. Not 22° or 24°. Not 30° or 35° or 38½° or 45°.

Your Firestone Dealer or Store can give you the proof. Or write Dean Weidman, Manager, Farm Tire Sales, Firestone Tire & Rubber Co., Akron, Ohio 44317.

Firestone

For Triple-Strength Construction:
that's the way we bond the
tread to the body, reinforce the sidewalls
and insulate every cord.

Spreading the Word

about FFA and Agribusiness

That's what the FFA officers did for six weeks on the twenty-fourth National Officer Tour.

YOUR National Officer team spread the story of the FFA, and Agribusiness and Natural Resources Education to business, organization, and government leaders. What was the message they carried to 29 cities throughout the nation? Here's a condensation of the comments they made on their visits.

America's Future

Dan Lehmann

Agribusiness education and the FFA are things we six FFA officers believe in, stand for, and visualize for the future. No longer is the program vocational agriculture education. Officially our title has been changed to a more descriptive term—Agribusiness and Natural Resources Education.

Changes in agribusiness education have stimulated changes in the FFA, too. The awards program, sponsored by the National FFA Foundation, provides 70,000 incentive awards to FFA members each year—now in 21 different award areas.

America's future depends upon people who can produce and assist in the production and distribution of food and fiber while preserving natural resources and making wise use of leadership and cooperation. If you multiply 536,000 agribusiness students full of vim, vigor and vitality times ten hours a day spent gaining experience and knowledge, what do you have? A gigantic youth force capable of building communities and America by filling occupational positions in *all* agribusiness.

Farming

Jim Beard

Agricultural education and awareness have kept our generation producing enough food to feed ourselves and millions around the world.

Federal attention to the need for training agricultural producers resulted in the Smith-Hughes Act of 1917. Response was overwhelming and as an outgrowth of vo-ag, FFA was initiated into high school.

Classroom training ranges from animal and soil science to economics and management practices. Competition in FFA judging adds another dimension to agribusiness. FFA incentive awards program, in addition to the degree system, further encourages members to apply training through practical use. As an FFA member dedicates himself toward one of these awards, he places himself in an occupational position with a great future.

Agricultural Business

John McCulley

Today there are about 35,000 more students preparing for agricultural business occupations than there were four years ago. This growth in the number of agricultural students is not only seen in high schools but in the number of FFA members continuing their education in two-year technical schools, community colleges, and four-year institutions.

Agricultural schools in both rural and urban localities are rapidly expanding their program to include agricultural business subjects. Large city schools and rural schools alike are placing students in jobs where they can receive practical experience in addition to classroom instruction.

The FFA is encouraging young men like us to enter agricultural business programs by offering incentive awards in areas like agricultural mechanics, agricultural sales and service, food processing, and ornamental horticulture.

Leadership

George Allen

The FFA specializes in leadership training. Not to make a president out of every member, but by providing contests, awards, recognition, and conferences to motivate students in the direction of their natural interests and abilities. Also, though FFA programs cover a wide range of interests, all members learn the basics for being leaders—parliamentary procedure, public speaking, committee work, and competition.

The objectives are, of course, to get members involved in chapters and the chapters involved in their community. Leadership starts with getting involved.

Being a youth organization, FFA has a double stake in America's future. Not only is it the FFA's responsibility to develop future leaders in agriculture, but we FFA members, along with a multitude of other youth, *are* America's future.

Environment

Wayne Humphreys

Young people across the country are involved in preserving our natural environment. But FFA members and advisors, because of the seriousness of our environmental situation, are ignoring panic reactions induced by emotion and sensationalism.

We are, however, using conservation measures taught and learned in the classroom in cropping programs, livestock enterprises, wildlife management, recreational areas, and housing developments. For work in environmental sciences FFA members can receive incentive awards in soil, water, and air management.

Training acquired by 430,000 FFA members also prepares them for careers in environmental sciences as researchers in ecology, inspectors, consultants, and conservationists. In so doing, the FFA is moving for a livable environment—not with idealism and panic—but with *solid* reasoning, science, and progress.

Cooperative Attitude

Dan Dooley

For years FFA chapters have devoted special attention to cooperative efforts in their program of activities. Community projects accomplished by chapters working with other local organizations have included disaster aid and flood prevention, cleanup and beautification undertakings, and food, clothing, and fund drives for the poor and disabled.

The FFA has worked cooperatively through its international program to assist countries in developing organizations similar to the FFA. More recently, the "Building Our American Communities" program became a nationwide cooperative effort between the FFA, chapters, businesses, and governments.

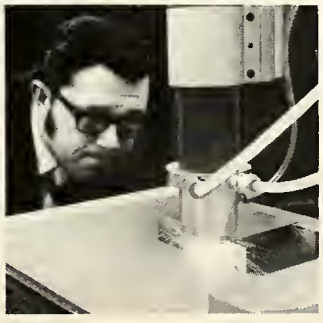
Through cooperative activities the FFA strives to create an attitude of understanding. By so doing, FFA members help obliterate the hypothetical walls and curtains that divide people.

A lot of young scientists would like to hike a mile in his boots.

Paul works with lasers. At the GM Tech Center in Warren, Michigan. And his job is to find new and practical applications for them.

If you happened to look over his shoulder, you could find him using lasers (Laser, incidentally, is an acronym for Light Amplification by Stimulated Emission of Radiation.) to scribe ceramics and glass, seam-weld metals, slit plastic or cut wood, plastic, rubber or metal.

But when the weekends roll around, Paul takes to the hills with a pack on his back. You can pick up his trail somewhere in Northern Michigan. Or in a Utah desert at the head of a group of Explorer Scouts.



Can a man who loves the outdoors find happiness at a big corporation like GM? If you're ever near our Tech Center, stop at Manufacturing Development and ask Paul Clark.

GM
MARK OF EXCELLENCE

General Motors
Interesting people doing interesting things.

Involved in America's Future

Vroom Reports

Jay Vroom took the first step toward developing an interest in communications when he helped create a radio program for chapter publicity. One year later, the same Princeton, Illinois, FFA member began employment at WZOE, the local radio station.

For the past several years at WZOE Jay worked as the editor of the early morning farm show and as a news reporter. In the summers he broadcasted a weekday afternoon disc jockey show. During the school year he announced shows on Saturday and Sunday and worked as a sportscaster for school football and baseball games.

Beginning FFA as junior treasurer, Jay served as chapter reporter and eventually was named one of the top ten chapter reporters in the state. He next served as state reporter—pubishing the *Illinois FFA* magazine and contributing several articles to *The National FUTURE FARMER*.

Meanwhile, Jay worked on the high school yearbook staff, two years as editor of his school newspaper, and as reporter for the Bureau County 4-H. He also won the county 4-H demonstration contest and is a member of the National Honor Society.

Word of Jay's abilities got around and he did interviews, took pictures, and wrote stories for the *LaSalle News Tribune*. In addition, he has had two articles published by the *Chicago Tribune* in their "Voice of Youth" column.

Now studying agricultural communications at the University of Illinois, Jay has earned a scholarship and is active in the ag communications club. What started out as a chapter activity for the Princeton Greenhand is today his career objective—that of informing us about agriculture.

Jay, disc jockey of an afternoon show.

Elby, by the plane he pilots to sales.

Flying Teen

A couple of years ago Elby Sneller, a member of the Colorado Flying Farmer Teens, wrote a theme on aviation which won first place in the state. In national competition the theme placed second and Elby won an award of $270 of flying time. In the near future Elby of the Wiley, Colorado, FFA will obtain his private pilot's license.

Elby began FFA by serving as junior vice president and becoming a Star Greenhand. He next performed the duties of FFA reporter and is the current chapter secretary. Elby went on to win awards in both crop and livestock farming. And that's where flying entered in. By flying to sales and buying cattle Elby has built a herd of registered Polled Herefords. In the same way, the Flying Farmer Teen has developed a flock of 30 registered Suffolk sheep.

This year the Wiley Livestock Judging Team of which Elby is a member took top honors in the state contest. Elby placed first in swine judging, second in sheep, and was named reserve champion individual in overall competition. He and his teammates then judged at the National Western Stock Show in Denver and won the reserve champion award.

In high school Elby held offices as class reporter and twice as class vice president. He served as vice president and president of the student council, too. He played the lead in the junior class play, was junior-senior prom king, and is a National Honor Society member.

Following graduation the flying teen will attend Lamar Community College for two years and transfer to Colorado State University. He is thinking of a career in veterinary medicine or teaching agriculture. But whatever his choice, Elby, who builds model airplanes, can complement it with his flying ability.

Association Leader

Ross Olson of Langdon, North Dakota, has been involved in livestock association activities for a number of years. He is now serving as president of the North Dakota Junior Shorthorn Association following a term as treasurer.

Recently Ross received the Don Longley Memorial scholarship. Each year only three youths in the nation—two young men and one girl—are awarded the scholarship that is supported by *The Shorthorn World* and individual gifts. In addition to the college funds Ross' award includes two summers of experience in herdsman training.

While developing a herd of registered cattle Ross won a number of showmanship awards and exhibited several top animals—including the grand champion sale heifer at the North Dakota Winter Show and the senior grand champion and reserve champion heifer at the Red River Valley Fair. Furthermore, he received his FFA district's livestock proficiency award. He has participated on the Langdon Chapter Livestock Judging Team all four years in FFA and is the assistant coach of this year's team.

Ross served his chapter in the capacity of junior president, reporter, and in a term just completed as vice president. Moreover, he won the district public speaking contest. In high school he lettered in wrestling, was a member of the drama club, and attended Boys' State. He is active in his church youth group.

Ross is planning to major in animal science at North Dakota State University this fall and eventually work in livestock management. Graduating as valedictorian of a class of 98 students and assisted by the scholarship, the Junior Livestock Association president is on his way to becoming more involved in America's future.

Ross, a prideful owner of beef cattle.

You know yourself. Better than anyone else.

But even so. There's something in your mind. Not a doubt, just a question.

About college coming up. How you'll relate to people. If you'll be able to meet them on their own terms. Stand up and make yourself heard. And respected.

There's no ready answer. But one thing's sure. Army ROTC can help. It builds self-confidence. The ability to express yourself. Teaches you leadership. How to make decisions while others are making up their minds.

Army ROTC
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Tell me how Army ROTC can help me prove myself.

Name _____ Date _____

Address _____

City _____ State _____ Zip _____

College planning to attend _____

NFF 6-71

When you graduate, you get more than a degree. A commission as an officer in the United States Army. And that marks you as a man who's sure of himself. Has more to offer. In any career you choose.

After your officer service, you'll know you've proved yourself.

Something else, too. The management experience you'll have is the kind civilian employers look for. And pay extra to get.

Not every man gets to know his real capabilities. Know yours. Take Army ROTC.

Army ROTC. A great way to make it.

YOU'VE GOT SOMETHING TO PROVE.

A Naturalist in the

The old saying "If there's a will, there's a way" illustrates how Gary Miller tackles any conservation project that needs doing.

Gary says basket feeders like this one are easy to place in convenient spots.

"CONSERVATION started for me when I received my most wanted Christmas present—a catch-em-alive box trap. My first catch that Christmas afternoon was the neighbor's house cat, but I wasn't discouraged. Since then, the old trap has caught hundreds of rabbits, raccoons, and opossums," says Gary Miller of New Alexandria, Pennsylvania.

His grandfather, a foreman for the Division of Food and Cover in the Pennsylvania Game Commission, also played a part in Gary's interest in wildlife conservation. "Grandpa," says Gary, "though he often told me I asked so many 'dad blame questions,' taught me everything about fox trapping and why conservation practices are used."

When Gary entered high school his folks were not really sure that he should take vocational agriculture. But after talking with Advisors Randall Campbell and Thomas Hughes of the Derry Chapter, they let Gary begin. The two instructors convinced the Millers that Gary, a town boy, could pursue his conservation interests in FFA.

Gary's land management activities consisted of planting shrubs and trees and constructing new brush piles for game protection. He also cleared and planted food plots for small game and erected nesting boxes for ducks. Since the young conservationist had no land of his own he did most of his management work on federal land.

All Around Resourceful

Gary, in essence, became the local conservationist. He planted some 2,000 pine and nut-bearing trees given to him

Besides trapping experience, predator control has offered Gary the opportunity of learning how to handle pelts.

At places he doesn't visit often during the winter, Gary stocks crib feeders with enough feed for several weeks.

Making

Working outdoors lets Gary contribute to improving the nation's environment.

by the Pennsylvania Game Commission, mostly on an abandoned baseball diamond. By obtaining discarded Christmas trees and other unwanted limbs, he built brush piles for wildlife protection on abandoned open fields. The resourceful FFA'er also found an ideal place for erecting his duck nesting boxes, locating them near the town reservoir. Mallard and wood ducks have their young in them and use them throughout the summer.

Learning that rabbits only feed close to cover, Gary mowed ten-foot paths for food plots. There the grasses and legumes began to grow and he fertilized them and planted clover. "It has certainly helped the rabbit population as Nebby, my beagle dog, can testify," says Gary. "Whenever I turn him loose to run, the first place he heads for is the food plots. He often chases rabbits for hours. In fact, one night he chased a tame rabbit for three."

Farmers, too, were enthused about Gary doing conservation work. Instead of getting the usual question, "May I hunt on your farm?" the young conservation enthusiast asked to winter feed wildlife, control predators, and manage woodland on their farms.

Winter feeding is a big chore for Gary as he keeps over 50 feeders filled. He gets corn, oats, and alfalfa hay from local farmers, many of whom give him the feed free. By involving younger children in the feeding project the young naturalist has helped others to appreciate wildlife. They especially enjoy seeing rabbits, ringneck pheasants, and deer feeding, and they like to identify different tracks in the snow, too. As to Gary's success, well, one boy is planning to keep up the FFA member's feeding project and take conservation courses in high school.

Outdoor Adventurer

The Miller family owns a cabin in Elk County, Pennsylvania, located in the Moshannon State Forest and spends many weekends in the mountains. It is here where Gary and Doug, his brother, lay a small fox trapline.

They own a full set of trapping equipment including stakes, screens, rubber gloves, a hatchet, a dirt sifter, grubbing tools, a thin trowel, plastic bait, lure bottles, and number two coil spring fox traps. To remove all human scent they prepare the equipment in a solution of walnut hulls, sumac berries, and water and handle traps with rubber gloves.

In addition to controlling predators, the two brothers have made several dollars selling fur pelts. They also gave their mother two large wild mink furs which she had made into a mink boa. Besides mink and fox, Gary and Doug have caught raccoons, opossums, skunks, land turtles, and muskrats.

Before Gary skins his animals he likes to dry them. The most convenient way he found to do this is to tie them by the tail and hang them on the clothesline in the basement. "The first time I did this I did not bother to tell my mother. That morning she carried a basket of clothes to the basement to wash and walked straight into two hanging muskrats," Gary remembers. "From then on, I could hang the pelts in the basement but only at the far end away from the washer and the dryer."

Serving Nature

The young wildlife manager had some of his most enjoyable experiences raising bob-white quail. He receives the day-old chicks from the Pennsylvania Game Commission and raises them until they are ten-weeks old. The game commission supervises the building of pens and provides feed and instructions for raising them. In all, Gary has raised over 200 quail and released them in coveys of five or six in state parks and on farms.

For the past two summers the young wildlife manager has been working for the Pennsylvania Department of Forests and Waters at Keystone State Park, located three miles from his home. He helps maintain the park, works in the office, books campsites, listens to complaints, takes care of emergencies, and guides tours. On weekends Gary uses the park motorboat to patrol the lake.

With all this practical experience Gary still took time to attend the Pennsylvania Junior Conservation Camp sponsored by the Pennsylvania Federation of Sportsmen's Clubs. The state's fish, game, and forestry commissions along with the U.S. Soil Conservation Service assist by teaching young students to appreciate the outdoors. Gary has used this training to plan and conduct tours of his own conservation projects.

Perhaps Gary's interest in conservation has helped to inspire the rest of his community in ecology. For the first time this year, his school will provide a six-week course to eighth graders on many phases of conservation and last spring the vo-ag department started to develop a nature trail study on school property for use by the the biology department and conservation classes.

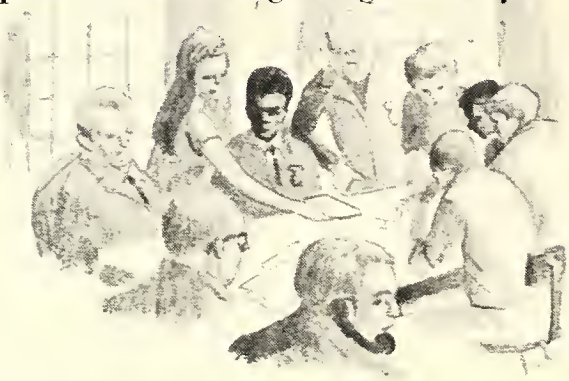
The young naturalist has given speeches in FFA contests and at Kiwanis Club meetings. His many activities have earned him the state proficiency award for natural resources development and three gold medals in the state's "Wildlife Habitat Improvement Project for Future Farmers." The Westmoreland County Sportsman League also presented Gary with their youth conservation award.

Right now Gary is continuing his work in wildlife conservation by studying at Pennsylvania State University. The university started a "major" in wildlife technology and, of course, Gary is one of 25 young men in the class. Summing up how he feels, Gary says, "I hope that my past experiences will help me develop into a productive and useful person in the field of conservation."

Gary's reward for erecting duck boxes is knowing that young are born in them.

Doing Together

This scene depicts what "Building Our American Communities" is all about. Here's what has happened since its beginning last July. ***By Ron Miller***



ONE answer to improving rural communities is a program which will train and involve youth in the community development process. "Building Our American Communities" (BOAC) is FFA's way of training leaders for correcting our rural problems.

A national desire to create a rural-urban balance has existed for years. However, the necessity for rural development waited to be accentuated by events of recent years in the big cities. People are now asking whether many of the nation's contemporary problems can be alleviated by a strong rural development policy.

While less than one-third of the nation's population resides in rural America, two-thirds of the poverty and 65 percent of the substandard housing is located there. Major reason—lack of opportunity to earn a livelihood. Also, the out migration from rural areas caused by this situation, say USDA officials, is a root cause of our national urban and central city problems.

Rural development is all the more important because of the expected population increase in the United States of 260 to 300 million people by the year 2000. This increase will require still new kinds of community development requirements and will happen within the lifetime of present FFA members.

FFA's Leading Role

Being that FFA is an organization for youth training in agribusiness, it is logical that the FFA get involved in BOAC. Moreover, as agriculture education broadened to include all agribusiness, community activities get more emphasis.

Furthermore, FFA members—as a chapter and individually—and advisors hold conspicuous and prominent roles in local communities. Likewise, agriculture instructors offer the best means of furthering the community development educational process, and FFA chapters are in an excellent position for initiating community development action.

Therefore, the BOAC program was designed to encourage and assist tomorrow's leaders to become more active in the development of their communities. Emphasis in the BOAC program is on group learning and action which will result in individual attitudes necessary for future progress in communities.

In April, a National BOAC Study and Development Committee met at the National FFA Center to review the progress of the past year. They discussed how to further incorporate community development instruction into high school agriculture classes and actively involve FFA chapters in community development projects. Their action included recommendations for BOAC instructional units, chapter action guides, and activity report forms. They also enumerated ways that FFA could establish communication with all groups interested in rural community development.

Working with the FFA in implementing the BOAC program is the USDA's Farmers Home Administration (FHA). Then too, Lilly Endowment, Inc. is supplying financial support as a special project of the National FFA Foundation.

Help for Communities

As the rural credit service of the USDA, FHA has a major responsibility in the area of rural community development, says James V. Smith, FHA's Administrator. With a score of credit programs, the FHA can financially assist in the community development process of rural areas. The agency provides funds for farm ownership and operating credit, water and sewer systems to enhance a community, housing in communities under 10,000 population, nonfarm agricultural facilities, and rural recreation enterprises.

Through BOAC, FHA's special project representatives work with state supervisors, state officers, and executive secretaries of the FFA to promote community development. Moreover, FHA area and county supervisors meet with local chapters and advisors and help in implementing community projects.

On a national level the FHA has assisted with promotion of the BOAC program at the 1970 National Convention and 1971 state conventions. They have also prepared numerous slide shows of interviews with National FFA Officers and USDA officials for the USDA's "Down to Earth" and "Across the Fence" programs shown on TV stations across the country.

In continuing support, the FHA will help provide instructional materials and cooperate with state FFA leaders, chapters, and advisors. Most importantly, however, the FHA will provide credit services to individuals and organizations for community development.

Support of BOAC

In supplying funds for the BOAC program, Lilly Endowment desires that youthful energy be channeled to constructive causes in local communities. They further appreciate the national scope of the program.

"The Lilly Endowment has long been interested in character building especially among the young," says John Lynn, the organization's general manager. "We hope that thousands of the finest youth of our country will be helped through the BOAC program, not only to aid their communities, but also to grow in leadership qualities which our country will need in the days ahead."

Lilly Endowment recognizes that there are many needs in local communities which lend themselves to the abilities of FFA members. The Endowment expects communities to derive many immediate benefits from chapters participating in BOAC. They also anticipate communities to benefit in the future from the many experiences which the FFA members will gain through BOAC.

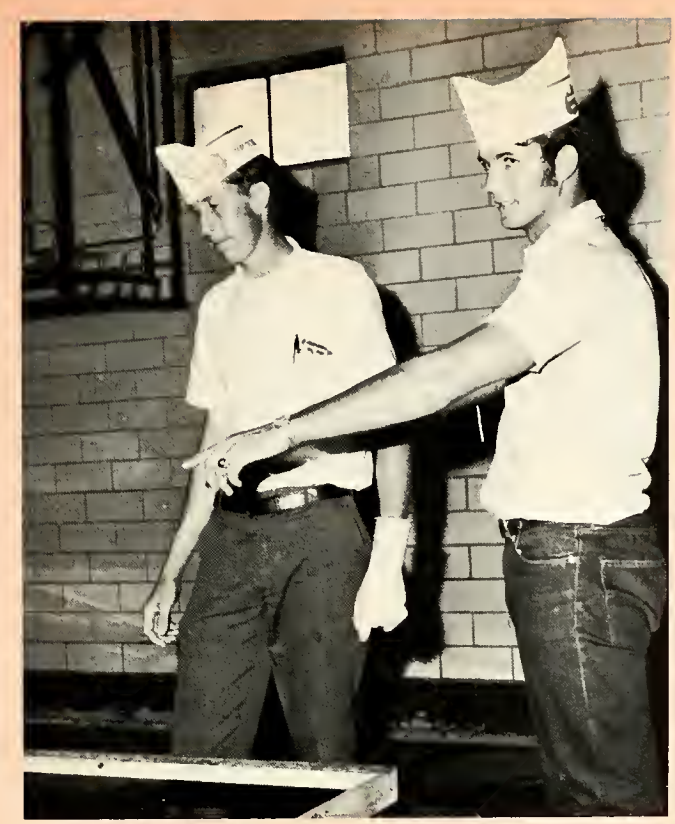
Lilly Endowment finances the BOAC awards which are offered to chapters at area, state, and national levels. All chapters who participate and answer *yes* to 11 of 16 questions on the report form will be recognized as "Community Builders." Some states and areas have already presented such awards in community development. The first national awards will be presented at the National FFA Convention in October, 1971. Community awards are provided for presentation to other active groups. Plans for future years include additional recognition of individual FFA members and local advisors who are instrumental in community development.

FFA promotion and publicity materials are provided by the Endowment.

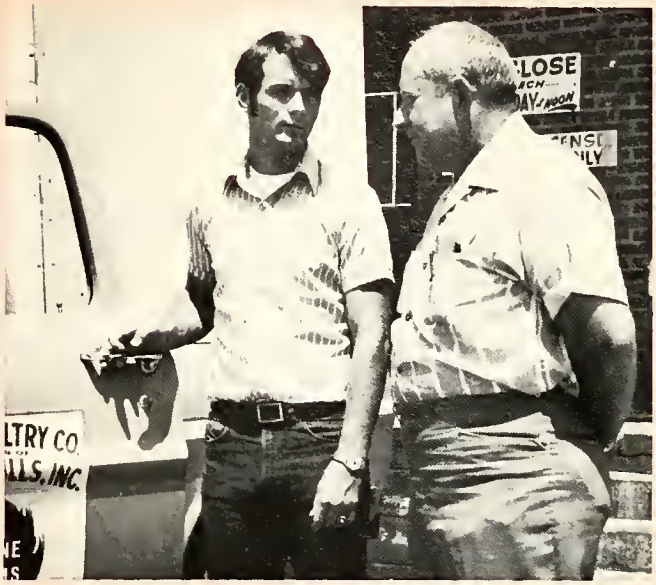
First Year Results

Led by FFA chapters, local organizations and groups are using this program as a basis for action. Some FFA mem-

(Continued on Page 31)



In his current position, Gary, right, shows a co-worker where to locate new cutting equipment in his department.



Before his delivery run, Gary would oftentimes discuss aspects of selling farm products with his vo-ag teacher.

Moving Up In Processing

Each promotion provided this agribusinessman with more confidence and maturity.

"MY work has been very advantageous to me in many respects," relates Gary Murphy. The youth from Soso, Mississippi, went on to say, "But I think the greatest accomplishment of my job is that I have been able to associate with people."

Four years ago Gary began working for Hilbun Poultry, a processing plant, now operated by Wayne Poultry, Inc. He started at the bottom as a pack boy, boxing processed chickens for icing. "The job was simple but required speed," says Gary.

Working summers and on Saturdays during the school year, Gary moved up to the city sales department. There he prepared deliveries—cutting and loading chickens—which he transported and sold to retail outlets in the city of Laurel. His responsibilities included getting the correct statement to the market manager of the grocery stores.

From the sales department, the maturing agribusinessman stepped up to the processing plant's special section for cutting chickens sold in nationwide fried chicken chain. Here, Gary supervises ten people in the cutting. He also maintains saws and other equipment for his department. In the plant which processes 50,000 to 60,000 chickens per day and employs some 150 people, the Executive Secretary of the Mississippi FFA Association J. C. Holland observes, "A happy working relationship between Gary, his employer, and co-workers.

"In my starting position I learned the different signs and grades of chickens and became acquainted with several types of machinery used in the processing business," explains Gary, a recipient of Mississippi's Star Agribusinessman honor. "Also, by having a greater knowledge of the product I am better qualified to present it to the public in a manner that is acceptable to them. My various jobs have helped me to understand just how a business of this type operates."

Throughout vo-ag, Gary has built a registered herd of ten Hereford cows and a small crop program to boot. He maintains these on a 113 acres owned in partnership with his father. In addition, after serving as chapter vice president, Gary led the West Jones Chapter as president under the direction of Advisors J. T. Webb and R. T. Ishee.

Outside of his agribusiness training, Gary served as a representative, vice president, and president of his high school student council in subsequent years. Also a captain of his school's football squad, he worked as chairman and master of ceremonies for his FFA chapter's banquet in consecutive years.

The young agribusinessman is continuing to upgrade his education, studying at Jones County Junior College. Majoring in business administration, Gary intends to transfer to the University of Southern Mississippi to graduate.

Significantly the upcoming agribusinessman thinks positively about his experience. "I have learned what many people talk of today, that of working for something," he says.

But what is Gary's agribusiness experience all leading up to? Just this—he hopes to establish his own broiler farm after graduation from college.

Becoming A Veterinarian

This young man found a way to explore the possibilities.

Troy Moore's training as a veterinary assistant included administering treatment as prescribed by the veterinarian.

Preparing animals and helping with examinations was one of Troy's main jobs.

HOW would you prepare for a career in veterinary medicine? Troy Moore of Mt. Pleasant, Texas, worked in an animal hospital as a veterinary assistant while in vo-ag.

Troy went on to study pre-veterinary medicine at Tarleton State College and will further his education at Texas A&M. What he really wants to do is, "to work chiefly with large animals and to own a veterinary hospital."

In the agricultural cooperative training program Troy was employed by the Bruechner-Denman Animal Hospital. He worked with three veterinarians along with two other veterinary assistants, a receptionist, and a custodian. Mr. James Maxton, his FFA Advisor, assisited in making job arrangements.

Prior to his employment at the animal hospital Troy did odd jobs on dairy farms and worked at a service station. He has since won several leadership and scholastic awards, spoken at civic meetings and chapter banquets as a district and area vice president, and won first place in the district FFA essay contest.

As a veterinary assistant Troy helped the veterinarians with blood transfusions, treatments for cuts and bruises, bandaging, and x-raying of animals. The young assistant gained further experience in vaccinating, castrating, dehorning, and branding of livestock. Troy's other duties included the sterilization of equipment, preparing animals, needles, and tools for regular treatment, and assisting with major animal surgery.

"Keeping financial and health records taught me firsthand the management of a first-rate animal hospital," says Troy, a winner of the Texas Agricultural Cooperative Training award. In the office he learned to price products and fill prescriptions, but he especially noticed "the courtesy and friendliness that the veterinarians showed toward the clients in caring for their animals."

Working in the summers as well as Saturdays throughout the school year, Troy, a former president and student advisor of the Mt. Pleasant Chapter, became knowledgeable in fertility and pregnancy testing. Similarly, he learned from the veterinarians what signs and symptoms to look for when diagnosing disease. Operating all types of veterinary equipment, restraining animals for examinations, and feeding, watering, cleaning, and caring for animals in hospital kennels were additional duties that Troy performed.

Troy found his veterinary experience helpful in his small farming program, too. Raising hogs until he was able to purchase a registered beef heifer, the American and Texas Junior Polled Hereford Association member now runs a herd of 15 head on ten acres of rented land. He says that by applying his training to his own livestock he realized that his occupational expcrience will be useful when he becomes a qualified veterinarian.

The veterinary student still maintains contact with his employers at the animal hospital—working and visiting with them as time permits when he is home from college.

Troy acquired skills in branding, dehorning, and other management practices.

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Agri-Emphasis: Agribusiness

Off and Running

. . . Toward his goals in ornamental horticulture.

A YOUNG nurseryman, who earns spending money playing in a combo band, is studying for an ornamental horticulture career at Clemson University. Interestingly enough, he won first place in his state's high school track meet after placing third the previous two years. As a result, the Greenville, South Carolina, track star earned a four-year athletic scholarship to Clemson. After graduation, he and his father will enter into a partnership, and the young horticulturist will gradually take over the family nursery.

John Moon is his name. His interest in decorative plants has prevailed since he was ten years old. Before entering vo-ag, John was growing and wholesaling shrubbery and helping in his father's nursery and garden center.

Guided by Advisor J. T. Black, John grew liriope for ground cover, white pine, azaleas, hollies, dogwood, roses, ivy, and ajuga. A winner of his state's proficiency award in ornamental horticulture, John marketed between 2,000 and 2,500 plants a year.

Besides working for his father and producing his own plants, John took on other beautification jobs. He maintained the grounds of a nearby Howard Johnson's Motor Lodge, charging fees based on the type of work. Moreover, he landscaped two rock gardens on the high school grounds. The former Greenville Chapter President also "chaired" several committees for exhibits and conservation projects.

Over the years, the young nurseryman repaired and maintained lawn mowers, pulverizers, sprayers, and sweepers. In addition, he built a trailer for hauling nursery equipment and did plumbing and electrical work for the greenhouses.

Still working part-time at his family's

Dennis tested stored soybeans and corn for moisture and filed grain reports.

From Trainee to

Supplies and service to farmers are his business.

DENNIS Van Daele, a Rockridge, Illinois, FFA member, started as a trainee at the Farmer's Elevator Company in Taylor Ridge—working for a designated time in each department. Today, he's a full-time employee and owns stock in the feed and supply company.

Meanwhile, he operated a farming program of 50 hogs and 50 sheep on 150 acres of pasture, also growing 30 acres of corn and 6 acres of soybeans under the feed grain program. He cash rents his farmland from his mother and owns adequate field machinery and much self-made livestock equipment.

About his farming experience, Dennis says, "My farming program has enabled me to be more successful in my chosen occupation of agribusiness. It helps me to understand farmer-customers' problems."

Dennis' agricultural supply and service training came in two steps. After joining FFA he began driving bulk trucks equipped with hoists and augers. He also operated grain elevators and dryers, ammonia and fertilizer applicators, and chemical sprayers. Working with the company carpenter, Dennis

Howard, at the right, inspects the rope as an employee recoils it for storage.

Howard's maintenance work includes attention to air cleaners and saw chains.

BEGINNING with an idea from his father-in-law, Howard Bailey of Adrian, Michigan, developed a sophisticated tree trimming business.

With financial help from the bank and his dad, Howard began with small trimming jobs. He got many helpful tips on trimming and tree removal from his father-in-law, who worked for 20 years at a power company. In the beginning Howard hauled the brush away with his father's truck.

Today, Howard's business comprises a full line of equipment, including a truck with a 52-foot boom and bucket, two brush trucks—each with an A-frame and winch, and five chain saws. He also owns pruners, ropes, tree climbers, and other miscellaneous equipment.

As full owner of the business, How-

nursery, John creates and exhibits horticulture arrangements at fairs, garden shows, and home shows. He further designs rock, Japanese, and modern gardens—completely landscaping the yards of four homes by himself. Several of John's merchandising displays have upped sales considerably for the Moon's Nursery, too.

But John, a member of a horticulture club at college, likes to deal with people. "Selling nursery stock is one of my best jobs," tells John. "It is interesting for me to talk with customers about beautifying their homes." He speaks at garden clubs and especially enjoys discussing the use of proper plants and chemicals with customers.

John's accomplishments reflect his reasons and desire for seeking a career in ornamental horticulture.

John, right, tries to select plants to fit the customers needs and purposes.

This Japanese garden which John created can be found in his parents' yard.

Stockholder

learned how to build livestock buildings and equipment.

Dennis moved into the office for his second phase of training. Selling merchandise and helping customers were his major duties. Among other things he figured bills, wrote up invoices, and operated the truck scale.

Following four months of service in the military, Dennis began working in public relations and customer service. He further attended feed, seed, chemical, and fertilizer training schools.

One year following his employment at the elevator, Mr. E. A. Ball, the manager, appointed Dennis assistant bookkeeper. In this capacity, the young agribusinessman posted daily transactions, balanced total sales, made daily reports, and prepared monthly customer billing statements.

Several of Dennis' ideas have been put to use in the elevator. He planned and arranged bolt storage bins to eliminate lost time in serving customers. For convenience and safety, he helped prepare storage for carpentry tools, blueprints, and lumber. He painted signs, labeled containers, and marked hazardous areas to caution the public and employees of danger.

Dennis, a former chapter secretary and four times coordinator of the program of work committee, guides tours to introduce other FFA members to careers in agribusiness supplies and services. But Dennis put his future in agribusiness when he bought Farmer's Elevator Corporation stock.

Dennis developed store merchandising programs and set up product displays.

Idea for Hire

That's the background behind Bailey's Tree Service.

ard bids, posts bonds, and contracts for private business and municipal jobs. Making collections, maintaining equipment, and supervising two full-time employees and five part-time employees are other duties the young tree trimmer tends to.

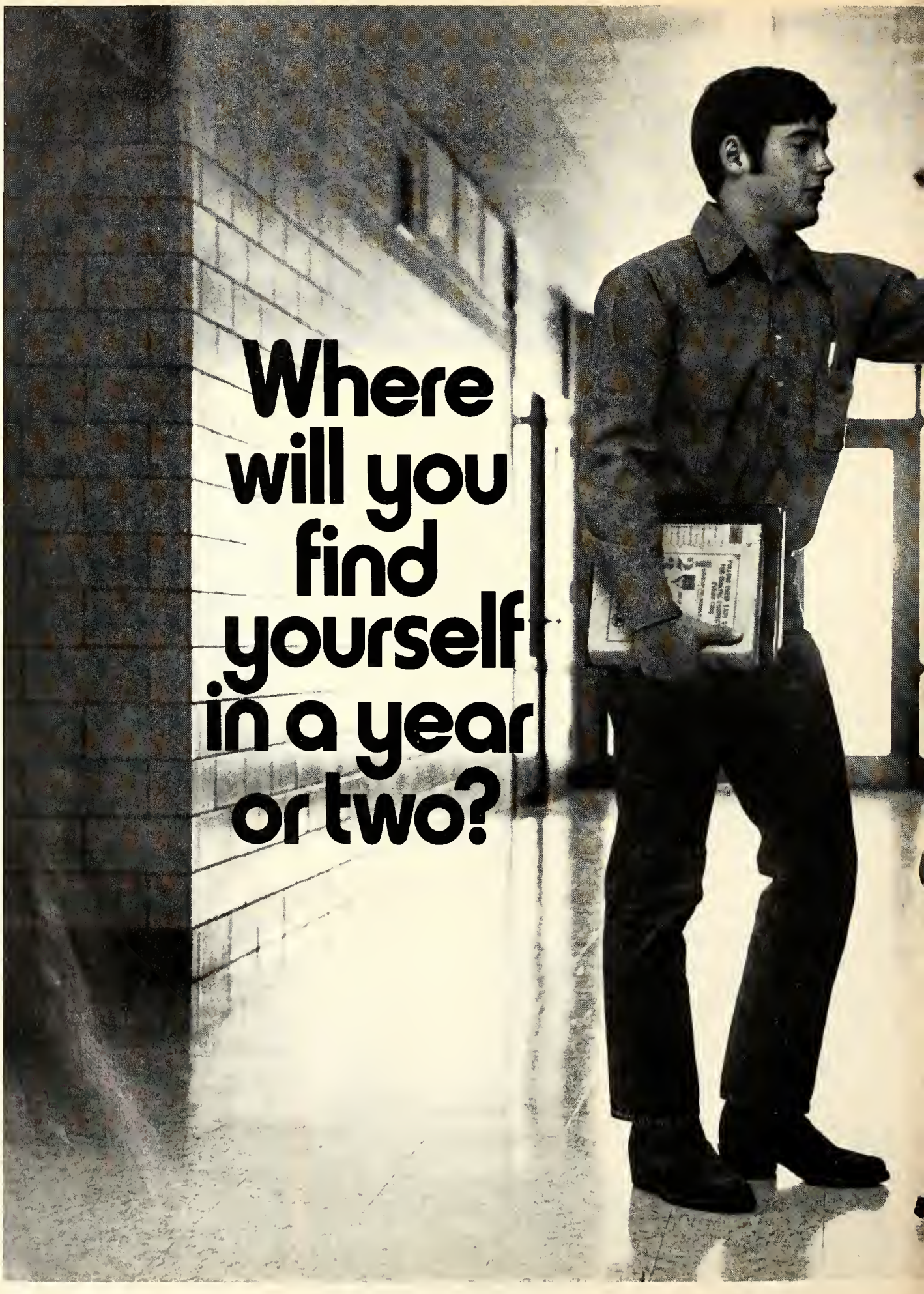
Karen, Howard's wife, helps with office work by setting up appointments and doing most of the bookkeeping. Together, the couple figures bids on new trimming jobs.

Vo-ag provided Howard with training in agricultural sales, giving him a good background for his present enterprise. Previously he worked in a farm and home supply store as a warehouse manager. He gained added experience in sales, cataloging and ordering supplies, and maintaining an inventory at an implement company.

The young contractor credits his experiences in the FFA as a reason for his business success. "With the encouragement of my agricultural teacher Mr. Kenneth Mitchell, I ran for and was elected to a regional office," explains Howard. "The experience was valuable for teaching me how to talk and deal with people, a great help when trying to get contracts and private work." Winning a gold award in the farm forum contest, managing the Sand Creek Chapter's crop projects, and serving as chairman of the recreation committee were other FFA activities in which Howard participated.

Howard has done large tree removal jobs for five surrounding cities and sees a good future in his tree trimming service. He regularly replaces old equipment with new and intends to expand his business through bidding and contracting for more distant jobs.

Howard has made an idea a business reality. *(Agri-Emphasis: by Ron Miller)*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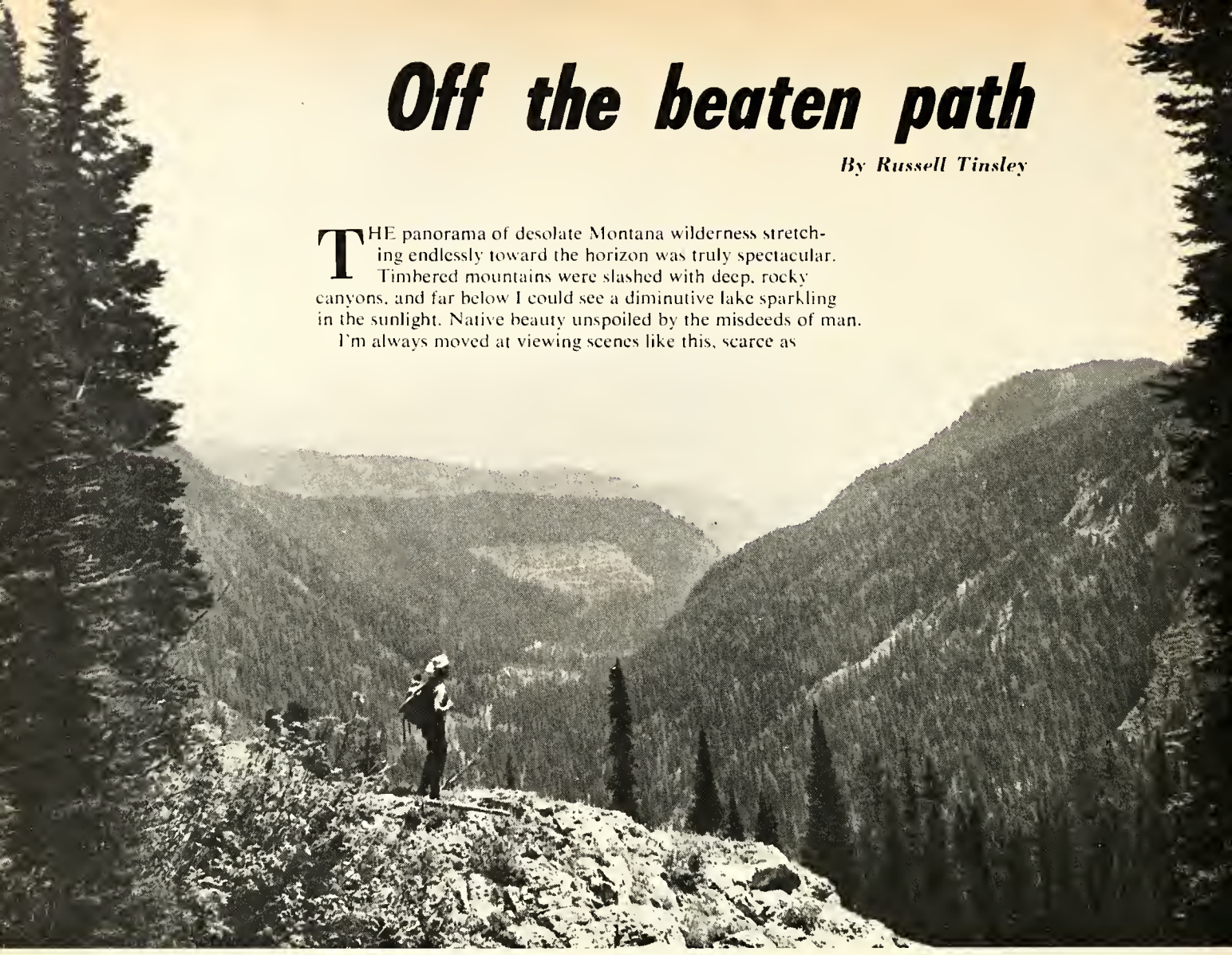
Off the beaten path

By Russell Tinsley

THE panorama of desolate Montana wilderness stretching endlessly toward the horizon was truly spectacular. Timbered mountains were slashed with deep, rocky canyons, and far below I could see a diminutive lake sparkling in the sunlight. Native beauty unspoiled by the misdeeds of man.

I'm always moved at viewing scenes like this, scarce as they are becoming, but this particular one was extra special. I'd walked more than two miles to drink up the sight. Just that added touch of physical effort had given it unique significance. But that's what I enjoy about backpacking: it takes a person away from the crowds, off the beaten path.



Photos by Author

That is what backpacking is all about, paying the price, putting out that added effort, feeling a sense of accomplishment. In this day of motorized travel it is sort of an expression of protest in a dignified way.

• But this is just part of the story. There are many wilderness areas which are off limits to motor travel or simply inaccessible. Whenever I think of backpacking I can see a charming Colorado mountain stream, far from any road, which tumbles clear and cold through a deep canyon. It is an arduous task to reach it, but the rewards justify the price and the fishing is fabulous.

True wilderness areas in our national forest system are accessible only by horseback or walking, and there are a few scattered places where even horses are not permitted. One such area, pictured at the beginning of this article, is the Jewel Basin of the Flathead National Forest in northern Montana. This 15,349-acre chunk of rugged landscape is dotted with high-mountain alpine lakes, and if you want to fish them, or perhaps camp on their shores, you must walk in, for there is no other alternative.

Backpacking can be as simple or complicated as you wish to make it. Some people put packs on their backs and walk for days and many miles. Others are content to merely make a short round-trip in a day's time. Established trails in wilderness areas are well marked and foot journeys of 50-plus miles not only are possible, they are popular with a growing throng of backpackers each year.

To me, backpacking isn't the end but simply the means. I carry a load on my back to visit remote fishing lakes or streams or hunting areas. And those areas accessible only by walking usually offer the very best fishing and hunting for obvious reasons. I thoroughly enjoy every sweet moment of backpacking, and I like the solitude of the back country away from the crowds.

Many short one-day hike trips can be made in various state or national forests and parks. Two informative booklets by the U.S. Forest Service tell where and how to backpack. They are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. *Backpacking in the National Forest Wilderness* (booklet No. PA585) costs 15¢, while *Camping* (PA502) is priced at 20¢.

Detailed maps also are available free which show the routes to wilderness fishing areas and campsites. Write to the U.S. Forest Service (Department of Agriculture,

(Continued on Page 27)

International dilemma

ALTHOUGH scores of organizations and agencies are working in international agriculture programs, employment in international agricultural development is highly specialized and "there are no short cuts to entering this field."

This dilemma facing youths considering a career in international agriculture is described by Dr. Eric Thor, administrator of the Farmer Cooperative Service, USDA.

International agriculture encompasses all nations, whatever their state of development, and the United States will become more and more involved in international agriculture in the years ahead, Dr. Thor predicts. He also said, "This involvement will be in all forms, whether through private, government, or voluntary organizations."

Within this broad picture of continued need for workers with various talents, Dr. Thor warns, however, that the number of positions in international agriculture is limited. "Recruitment tends to be done on a person to person basis rather than through public oriented recruiting programs," he explains.

Compared with the domestic work, he continued, international agriculture often demands that "the man is matched much closer to the job and the job to the man."

The dilemma arises in the fact that because international employment often requires specialized skills or experience, it is more difficult to enter than the domestic market. But once a person obtains these skills or experience, opportunities are numerous and diverse.

The most important characteristic needed by a candidate for a career in international agriculture is the ability to work and communicate effectively with a foreign agricultural environment, Dr. Thor points out. "This requires a special type of personality—one that is flexible and can adjust and adapt quickly to different working, living, and cultural conditions."

Learning one or more foreign languages while in school, on the job experience in the Peace Corps, and exposure to other countries through summer programs abroad sponsored by universities, religious, or cultural groups, or even personal overseas travel help prepare individuals for a career in international agriculture. Domestic programs such as those conducted by the Office of Economic Opportunity also provide opportunities to broaden experience in working with people.

More Career Information

Artificial Insemination: (1) *Careers in Livestock Improvement Involving Artificial Insemination* (2) *Recommended Minimum Standards for the Training of Artificial Insemination-Technicians and the Training of Herdsman-Inseminators.* Free from National Association of Animal Breeders, P.O. Box 1033, Columbia, Missouri 65201.

Soybean Processing: (1) *Soybean Magic . . . The Story of Soybean Processing* (2) *Unlocking the Secrets of Soybean Yields.* Free from the National Soybean Processors Association, Suite 314/1225 Connecticut Avenue, N.W., Washington, D.C. 20036.

Conservation: *Guide to Conservation Careers.* Single copies free, quantities $10.00 per hundred from National Association of Conservation Districts, Service Department, P.O. Box 855, League City, Texas 77573.

Why Ag Science?

A general upswing in the student enrollment at agricultural colleges and universities is apparent. Many agricultural institutions report increases of 5 to 6 percent over last year—some as high as 16 percent.

"These increases have been very encouraging," says Lloyd Ayres, assistant dean at the College of Agriculture, University of Wyoming. "With the world facing a food crisis in the years ahead and the growing concern for improvement in the environment, there will be greater opportunities in business and industry for ag graduates."

At Washington State University where the increases in agriculture enrollment was 9 percent, Dr. B. R. Bertramson, director of resident instruction at the Agricultural College says, "We can attribute the increased interest in agriculture to the fact that students are becoming concerned about world food production and problems in environment. Agricultural science and scientists from the United States are exportable commodities that will be in great demand as more attention is turned to food and people problems in the world."

A general feeling among college agricultural instructors is that creating and maintaining a better environment is mainly an agricultural assignment, whether it is controlling erosion, reducing stream sedimentation or vegetating and managing the countryside. Greater care of the countryside, whether it be parks, waters, greenbelts, recreational grounds, or wild lands, calls for the expertise of more persons trained in the agricultural sciences.

Agribusiness Book

Selecting a career requires much study. *Careers in Agribusiness and Industry,* written by Archie A. Stone, can provide you with many answers to the question, "What am I going to do when I finish college?" The book tells about the kinds of work available in agribusiness. It also tells of qualifications, where to study, subjects needed, in-service training salaries, and opportunities for advancement.

The 352-page book is available for $5.95, less educational discounts for those that qualify, from The Interstate Printers and Publishers, Inc., 19-27 North Jackson Street, Danville, Illinois 61832. The book is a copyright 1970, second edition which includes three additional chapters and recognizes the changes that have occurred in agribusiness during the past five years since the first edition was written.

Career Shorts

Young people with an agricultural background can utilize it in a career in the electrical industry, according to the Farm Electrification Council. There are rewarding opportunities for every level of ability and education with electric power suppliers, manufacturers, contractors, and with those who distribute and sell electrical equipment for industry, agriculture, and home use.

The number of vocational agriculture teaching positions will increase by 20 percent through 1975. This means that an estimated 12,500 vocational agriculture teaching positions will be available in 1975 as compared to the current 11,000 during the 1970-71 school year, according to Dr. Ralph Woodin, Agriculture Educator at Ohio State University. Since only 60 percent of those qualified to teach vo-ag actually become instructors, a shortage in vocational agriculture teachers is likely to still exist in 197[illegible].

THE CHAPTER SCOOP

news, notes, and nonsense from everywhere

by Jack Bitzer

Pleasant Grove, Utah, sends a bimonthly exchange letter to chapters in area. Lists items wanted and for sale.

N-N-N

Homemade ice cream and pie were served to members and parents after a *Plymouth,* Indiana, FFA meeting.

N-N-N

FFA and FHA chapters at *Hampshire,* Illinois, shared expenses of a roller rink party.

N-N-N

The *Delta,* Utah, FFA sponsors a "longest pheasant tail contest."

N-N-N

A. S. Gibbens FFA in Maddock, North Dakota, publishes stories about outstanding supervised farming programs in local paper.

N-N-N

James Hunt, Reporter of *Shattuck,* Oklahoma, Chapter sends word of the donkey basketball game with *Arnett* Chapter.

N-N-N

Greenhands at *Fredericktown,* Missouri, are treated to a chili supper.

N-N-N

Quartz Hill, California, wanted more coverage than in their school's annual. So they're printing an FFA yearbook.

N-N-N

Tom Reed of *Powell,* is the fourth member of his family to receive the Wyoming State Farmer Degree.

N-N-N

Utica FFA in Ohio rented four lanes for bowling after their April meeting.

N-N-N

Duties of chapter sweetheart of *Tenino,* Washington, include attending all FFA social and business functions.

N-N-N

FHA invited *Farmington,* Iowa, FFA members to a taffy pull.

N-N-N

Nokesville, Virginia, Chapter visited the National FFA Center. Brought seventh and eighth grade students, too.

N-N-N

Chestnut Ridge, Fishertown, Pennsylvania, publishes a periodic letter from their chapter to school board members and school administrators.

St. Peter, Minnesota, FFA offers job placement service to find members a summer job.

N-N-N

Craig Basler is *Madison,* South Dakota, Chapter BOAC coordinator.

N-N-N

A program topic of *Jacksonville,* Texas, FFA meeting was gun safety.

N-N-N

It's always good to hear members at banquets express thanks to Mom and Dad for their help and extra efforts.

N-N-N

Ten of the eleven seniors in *Dyersburg,* Tennessee, FFA earned State Farmer Degree this year.

N-N-N

Latest spring fashions for men were modeled by members at a *Thomas,* Oklahoma, joint FFA-FHA meeting.

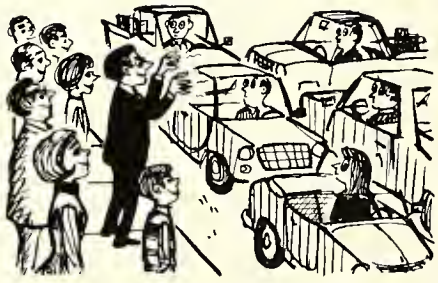
N-N-N

Lincoln Chapter in California writes "Watch Us Grow." Had 40 Greenhands.

N-N-N

Mrs. Buelah Wallace, Gillett, Arkansas, bagged a large mallard duck bearing a *Lyle,* Minnesota, FFA leg band. Mrs. Wallace is past 80 and is one of many out of staters who have reported finding ducks released by Lyle FFA.

N-N-N



Red Lodge, Montana, FFA sponsored a hypnotist for the community's entertainment.

N-N-N

Officers of *St. Paul,* Nebraska, installed officers of new chapter at *Elba.*

N-N-N

Chaska, Minnesota, sponsored a sausage-pancake breakfast. Advertised it as a "Porkfest."

N-N-N

Advisor Sauder of *Imperial,* Nebraska, served members lunch after they had collected $197 for March of Dimes.

N-N-N

Thoreau, New Mexico, Chapter has taken the job of caring for the football field during the year. Mowing, fertilizing, edging, and watering.

N-N-N

Seniors serve as the nominating committee for *Hoven,* South Dakota, FFA.

This year *Catlin,* Illinois, annual banquet will be potluck.

N-N-N

Basketball scores: *Ripley,* West Virginia, defeated *Ravenswood* 52-26. *Deer Park,* Washington, beat *Rearden* 52-48.

N-N-N

Each member of *Cushing,* Oklahoma, invited a businessman to accompany him on project tour judging contest.

N-N-N

Union, Ohio, placed American flags in each room of their school.

N-N-N

FFA and FHA members in *Ladysmith,* Virginia, formed a chorus to sing at their joint parent-member banquet.

N-N-N

Suffield Regional FFA in Connecticut grew Easter lilies to sell.

N-N-N

Tommy Strickland reported a gate building project of *Greensburg,* Louisiana, FFA.

N-N-N

Bishop, California, Chapter is holding its third high school rodeo. Proceeds go to the coronary unit of their hospital.

N-N-N

Greeley, Colorado, Chapter planted 32 rows of ornamental corn to sell.

N-N-N

Auburn, Alabama, FFA held its chapter public speaking contest before the student body.

N-N-N

Winnebago, Minnesota, FFA elected **Tim Crosby** as their chapter climatologist for the summer rain gauge project sponsored by the state association.

N-N-N

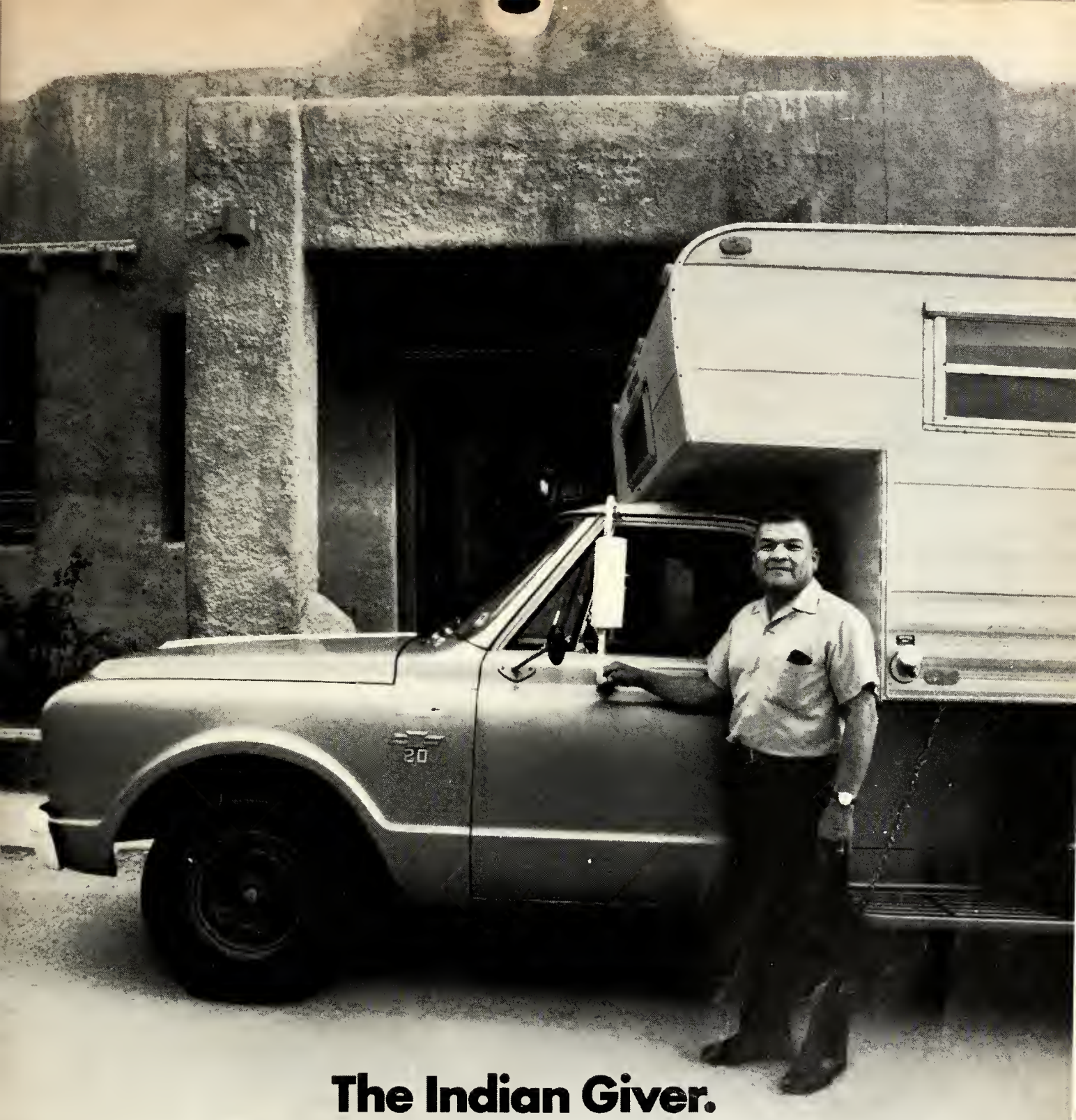
Grace Davis, Modesto, California, Chapter gave each faculty member who attended FFA faculty tour a cutting board made of sugar pine. Had FFA emblem engraved on it.

N-N-N

Monticello, Mississippi, Chapter signed a ten-year lease agreement on 23 acres for their FFA forestry plot.

N-N-N

Have a good time this summer but remember to send us notes of the newsy or nonsensical things the chapter does.



The Indian Giver.

Twenty-three years ago, the Nuns of St. Catherine's High School in Santa Fe were surprised to find "Bobby" Chavez digging out a basement under one of their buildings.

With a pick and shovel and his bare hands, he built an art classroom. He made the easels and he bought the supplies.

His teaching is unpaid, but he doesn't mind.

"Our Indian kids have such great talent, I have to give them what I know of Indian Art.

"Oh, I don't know much about spark plugs. A friend gave me a set of Champions for my camper. And when we take it out in the wilderness, it always brings us back."

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by DICK KOTIS
President
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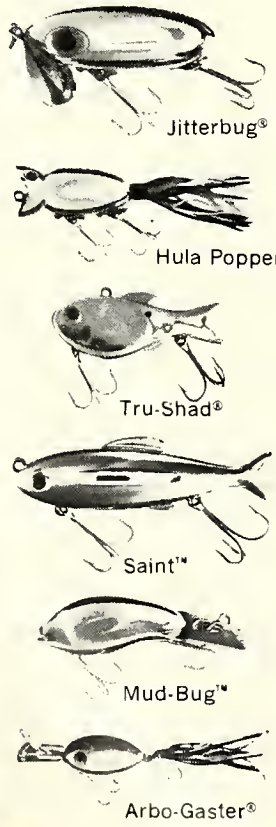

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Try a Program of Activities

Campout

New Athens members agree that campouts have improved their FFA chapter.

A new year always seems to be a busy season for an FFA chapter. New officers are getting the feel of their duties, Greenhands are being oriented to the organization they just joined, contests arrive faster than expected, and often chapters hastily submit a "quickie" program of activities to their state associations.

When the New Athens, Illinois, FFA Chapter needed more time for FFA activities the chapter huddled. How could they get all the committee chairmen and officers together for any length of time? It would be best in the summertime before school started. "Why don't we try drawing up the program of work while on a camping trip?" It sounded like a great idea.

So in August, 1966, the New Athens FFA embarked to the Illinois State Park at Pere Marquette as their first program of work camping trip. It turned out to be a partial success. The program of work was completed; there was a lot of recreation. The members went horseback riding, hiking, and boat riding on the Illinois River. But other problems had to be ironed out.

The officers and their advisor went into another huddle. Yes, they agreed; this campout had great possibilities. It was worth another try. First, it was agreed to go out of state because most Illinois parks lack swimming facilities. Second, the trip was expanded from three to four days to provide plenty of time for both work and recreation.

Lake Wappapello State Park, Missouri, became the site of the next camping trip and it proved to be a huge success. On another, the New Athens Chapter traveled to Big Springs Park, Missouri, and highlighted the trip with a seven-mile float trip down the Current River in inner tubes. Subsequently, the group went to explore Indiana, and last year they headed for Kentucky to hold their fifth annual program of work planning campout.

A typical New Athens campout goes like this. At 5:30 on a Wednesday morning, eleven members, the advisor and his wife, and the parents of two officers in a five-car caravan, drive to a lake camp. The morning departure time is an essential to always arrive at the destination by noon. As soon as camping sites are selected and the tents are staked, the members use the rest of the day for recreation.

Thursday morning at 8:00 a.m. work begins. All of the major committees are overhauled and the activities that were not accomplished the year before are discussed in detail. Plans are also made to improve weak points in the chapter's program. Each committee then drafts their committee report for the program of work. By 1:00 p.m. the students are free for the day for swimming, horseback riding, softball, bicycling, hiking, and fishing.

Friday morning, it's back to work. The calendar of events is planned. Every activity is discussed, chairmen are appointed, and the treasurer submits his budget for the year. Noon hour and mission completed. From then until 10:00 a.m. Saturday morning (departure time) is recreation time.

Prior to the campout certain preparations have to be made. Tents have to be obtained. What members will bunk together? Picnic baskets, ice chests, thermoses, hatchets, flashlights, and other equipment have to be obtained for each camping unit. Transportation has to be provided. Careful planning is a must for success and fun.

This trip provides many pluses. Leadership responsibility is taught, the FFA members learn to cook and fend for themselves, and the seed for good wholesome family recreation is planted for future years when members have their own families.

How do adults feel about this trip? The ones that have gone along as chaperones are looking at their calendars to see if maybe they can go along again next year. *(David Louis, Reporter)*

Off the beaten path

(Continued from Page 22)

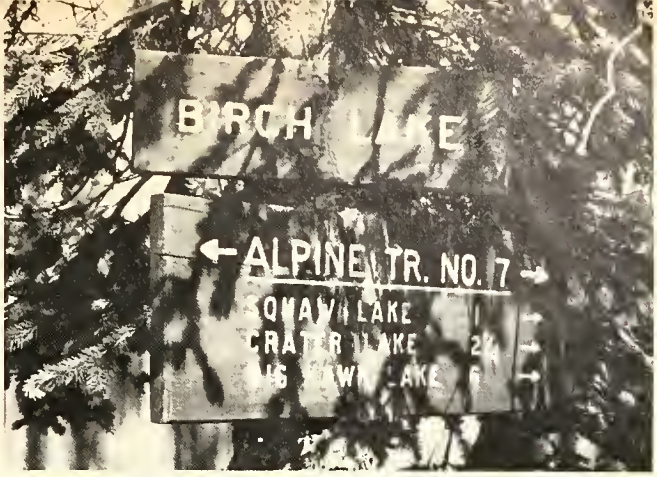
Washington, D.C. 20250) or the National Park Service (Department of the Interior, Washington, D.C. 20240) for the addresses of regional offices where you can obtain information and maps of specific forests and parks. Your state forest agency or game and fish department will have pertinent data on state hike-in areas.

I also can recommend *How to Enjoy Backpacking*, a comprehensive booklet free from Colorado Outdoor Sports Corporation, P.O. Box 5544, Denver, Colorado 80217.

Not much equipment is required to get started in backpacking. For brief one-day trips, a basic and inexpensive knapsack will suffice. Inside you can carry rain gear, fishing tackle, food, and other necessary items and pack them comfortably on your back. For overnight jaunts, a rigid frame is needed for controlled weight distribution and to keep the pack from bending and being uncomfortable. With the proper pack a person of average physical build can easily carry 50 or more pounds of equipment and supplies for long distances.

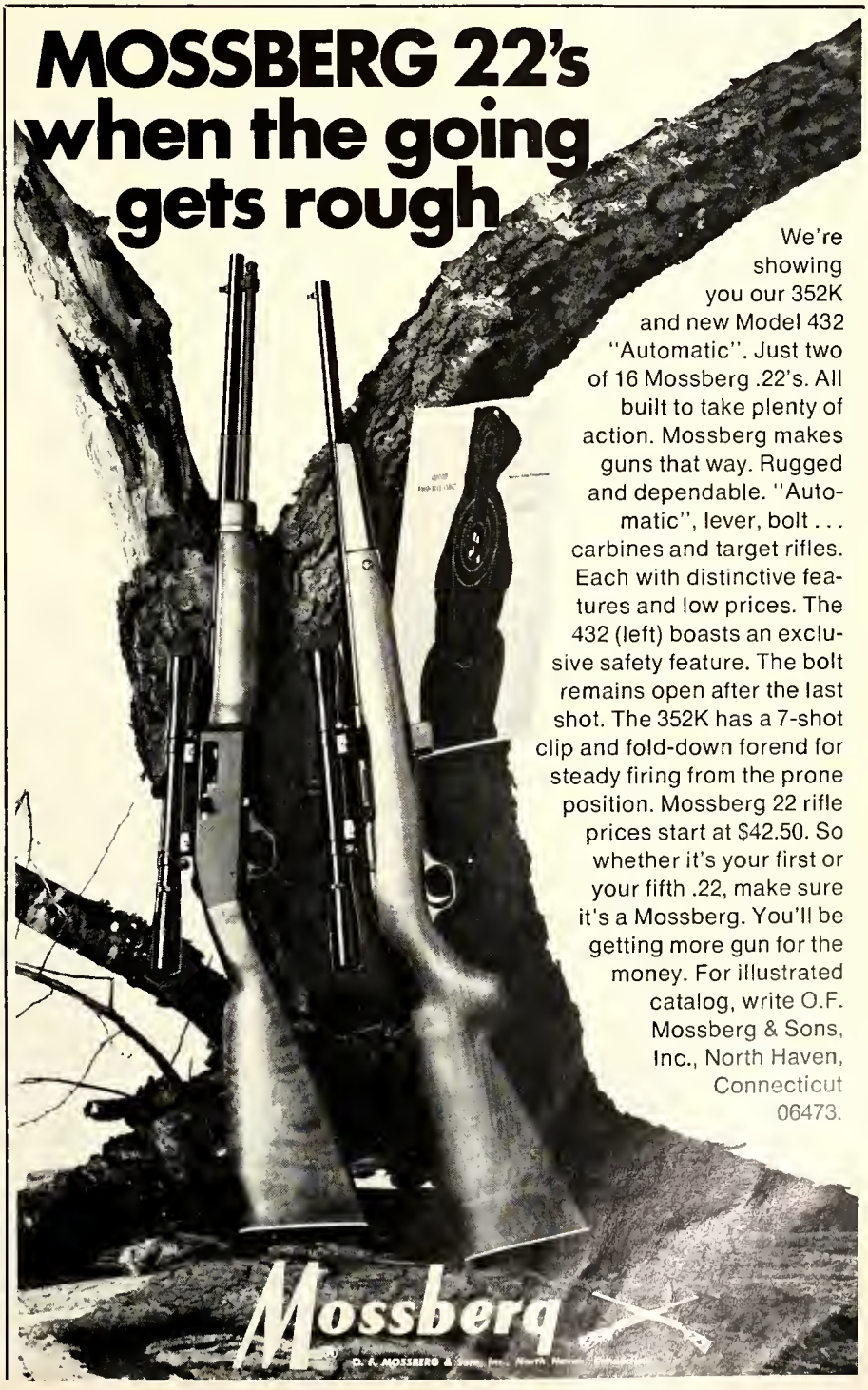
There are lightweight alpine tents and sleeping bags designed specifically for backpacking, and if you really get serious about the sport, you might wish to consider obtaining these items. But at first start modestly. A knapsack costing five bucks or less and the energy to hike are all you need.

Get off the beaten path and see that part of America which still is wild and forlorn. There is nothing quite like it.



Most hiking trails are well marked and easily traveled.

The author stops to rest and eat lunch beside a clear-running mountain stream.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A Trek into the Wilderness

From such a trip members become aware of nature in a way they'll never forget.

RIDING into the wilderness is an annual event for the Montrose, Colorado, FFA. This year members and sponsors of the outing will be taking the twenty-fifth annual ride into the San Juan wilderness area.

What was intended as a project visit years ago has turned out to be an annual trail ride into the San Juan Mountains. In the summer of 1948, four members and their advisor took a group of men and boys into this area to show their sheep as well as the country, including a large variety of wild life. The group was so impressed that the ride became an annual event.

The object of the trip is to promote school and community relationships. Due to the character of the trip, there is a limit of 35 riders—18 FFA members and 17 adults. The starting date is on the last Tuesday in July.

The trip originates at the High Land Mary Mine near Silverton, Colorado. At a place called Twin Lakes a base camp is set up from which the riders make daily excursion trips.

Aside from fishing, much time is spent riding and just taking in the mountain scenery. Educational talks by land managers, fish and park personnel, and state and federal foresters highlight the campfire meetings.

Riders furnish their own horses for the trip and carry supplies on 18 pack mules. Lunches are packed in advance of daily trips while breakfast and evening meals are prepared at the campsite.

Midway on the trip the members and adult sponsors receive word from home. Via airplane, mail and ice cream are flown in and dropped near the campsite. A local dairy manager and FFA advisory member sponsor the mail and ice cream drop.

A steak fry at the stable area in Silverton climaxes the trip for the weary, but happy trail riders. FFA members and adults who go on the wilderness ride enjoy the fry sponsored by the Montrose Rotary club as soon as they step down from the saddle.

Many watch the pack train as the riders pass through Silverton en route to the stable area.

Flint Lake provides the setting as members of the Montrose Chapter ride over the mountains.

Ben Walker Photos

How do you take care of a Nylon 66 or 77?

You don't.

Remington engineers have developed two 22 rim fire automatic rifles that can take abuse and still deliver maximum dependability with minimum maintenance.

An ordinary 22 automatic rifle needs the care any piece of precision-built machinery deserves. It should be transported in some sort of protective case until you are actually ready to use it. (A lined, soft, leather or cloth case is adequate for the trunk of a car, but a hard plastic or metal foam-lined case is better when you ship it on a public carrier.) And it's wise to keep the mechanism scrupulously clean; to clean the gun carefully before you put it away, making sure not to over-oil it. You should clean and oil it after long periods of storage. And, of course, when you take it out in the field, you should try to protect it from the weather.

But there are some people who can't lavish all that attention on a 22. Trappers want a rifle that'll stand up no matter how foul the weather may be. Hunters want a camp gun that can rough it. Farmers want a gun they can forget about until a fox raids the chicken coop. And everyone wants an autoloader that won't malfunction.

That's why we've built a new kind of 22 automatic rifle: The Nylon 66 and 77. Rifles that can rattle around in the back of a truck or fall off a packhorse or just sit in a closet gathering dust for months—and still come up firing every time.

To build that kind of rifle, Remington engineers selected a new material for the gun's stock and fore-end—structural nylon. This special material was chosen for its toughness and is used to insure the stocks of the Nylon 66 and 77 against warping, cracking, chipping, fading or peeling for the life of the gun. (No other manufacturer makes this statement.)

Structural nylon makes other benefits possible. Because the stock can't warp, it can't change your point of aim. In fact, these rifles use the same barrel-bedding principle used on the world's most expensive target rifles. And the action never needs lubrication, because the metal parts glide on "greaseless bearings" of nylon.

To add to their dependability, the 66 and 77 are electronically matched to Remington and Peters 22 Long Rifle cartridges. Remington-Peters "Hi-Speed" or "High Velocity" are the cartridges with the famous "golden" bullets coated with a special dry, hard lubricant so they won't pick up dirt or lint and carry it into the mechanism of the rifle, a major cause of malfunctioning. (Many autoloader malfunctions are caused by ammunition.) Doesn't it make sense to use the ammo that's specifically matched to the gun? And Remington-Peters cartridges also have "Kleanbore" priming to keep the barrel bright and clean.

The two rifles are identical, except that the Nylon 66 is tube-fed with a capacity of 14 rounds, while the Nylon 77 lets you work with either a 5 or 10-round clip. Both rifles take 22 long rifle cartridges only. The Nylon 66 is available with either a brown or black stock.

We believe these to be the most rugged automatic 22 rim fire rifles made. Alaskan fishermen use them to keep marauding sea lions out of their nets. Trappers in steaming bayous along the Gulf States also use them. Two Nylon 66's and Remington ammo were used to establish an accuracy record, hitting 100,004 out of 100,010 hand-thrown 2¾" square wooden blocks...without a single malfunction.

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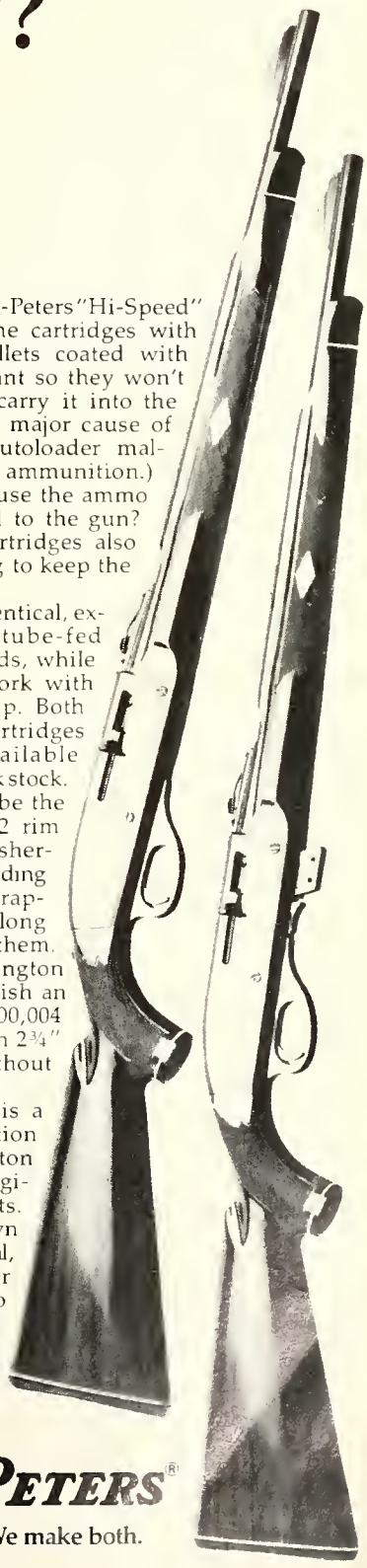

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FFA IN ACTION

Salute to Agriculture

FFA members from Virginia and Maryland were invited to the President's "Salute to Agriculture" at the White House.

The FFA was one of several agricultural organizations invited to participate in the President's "Salute to Agriculture" activities held in Washington, D.C. on May 7. National FFA President Dan Lehmann was a special guest of President Nixon for the day-long program followed by a White House dinner.

Four other FFA members were on hand for special events on the White House lawn which took on the appearance of a county fair with agricultural displays in tents and five large pieces of modern farm machinery on display. The FFA members acted as guides and answered questions of farm leaders from across the nation who also were guests of the White House. Besides Dan, participants were: Kevin Hall, National FFA Public Speaking Contest winner; Gary Hubler, President of the Maryland FFA Association; Dave Shiflett, Past President of the Virginia FFA Association; and Randy Roller, President of the Virginia FFA Association.

The focal point of the exhibits was a display honoring Dr. Norman Borlaug. A former student of vocational agriculture and the 1971 Nobel Peace Prize winner, Dr. Borlaug developed a superior breed of wheat that is revolutionizing production in the underdeveloped countries.

Dan Lehmann was present at the USDA for introductory remarks by Secretary of Agriculture Clifford M. Hardin and President Nixon's address saluting agriculture for its progress. Later Dan joined farm leaders as they heard addresses by George W. Romney, Secretary of Housing and Urban Development, and Attorney General John Mitchell. In the evening, following the White House Dinner, Dan was a guest of the President for entertainment by singer Glenn Campbell. *(Dan Reuwee)*

Helping Nature

Planting eight ½-acre wildlife plots in the Hughes River Public Hunting area of West Virginia was a major community activity of the Wirt County Chapter, Elizabeth, West Virginia.

Twenty vo-ag students were involved in planning the project along with the wildlife and recreation committee of the Little Kanawha Resource Conservation and Development Project. Moreover, FFA members purchased materials, measured out ½-acre plots, and removed rocks and trash from the land which is managed jointly by the West Virginia Department of Natural Resources and the Timberlands Division of the Westvaco Corporation, Parkersburg, West Virginia. After plowing, discing, and fertilizing, the vo-ag students planted millet, sorghum, buckwheat, and soybeans to provide food for deer, grouse, and turkey.

Local businesses, sportsmen's groups, and individuals underwrote the cost of the project which ran $30.00 per ½-acre. This amount covered the use of materials, labor, and equipment furnished by the chapter and the timber firm. Signs indicating the sponsor were prepared in the Wirt County High School shop and placed at each site.

The wildlife food plantings, which vo-ag teacher Phil Winter says the chapter plans to continue, will increase hunting opportunities in the area. And since hunting is by permit with payment of a small fee, the food plantings can contribute to the economy of the community by attracting hunters from Ohio as well as from West Virginia.

The FFA chapter's effort will improve hunting in Wirt County, West Virginia.

Lamb to the Post Office

Greg Meyers, left, and Dave Meinert, brought a lamb to their Redwood Falls, Minnesota, Post Office to buy stamps in commemoration of American wool.

Improving Chemical Safety

A safe chemical use survey conducted by the Chestnut Ridge, Pennsylvania, FFA led to safer use of chemicals by Fishertown area farmers. In addition to the survey, members distributed a booklet on pesticide safety.

To promote the chapter's survey program members prepared a series of 8- to 15-second radio shorts that were played on radio station WBFD, Bedford. A story on safe use of chemicals, written by John Garman, chapter president, was also printed in the *Bedford Gazette, Everett Press,* and *Johnstown Tribune Democrat.* Meanwhile, the vo-ag students made various signs on safe use of chemicals and posted them throughout the community.

In total, 50 farmers were surveyed and received a summary of the Chestnut Ridge FFA chemical use inventory.

Rallys Tornado Clean-Up

The Belmond, Iowa, FFA Chapter was presented the Governor's Citation at the forty-third annual Iowa FFA Leadership Conference in Sioux City for their efforts in "Building Our American Communities" (BOAC).

Their special effort centered around involving the chapter members and community leaders in the final effort clean-up campaign to erase the scars of the 1966 tornado that hit Belmond.

The chapter contributed 200 hours of labor. Local citizens and business firms furnished tractors, loaders, trucks, as well as dinners. An old building was

(Continued on Page 33)

Doing Together

(Continued from Page 14)

bers are also using the program to begin a career in community development.

Over the past year FFA leaders from 22 states have met with their FHA representatives. Moreover, 6 states held statewide BOAC kickoff meetings, 13 have introduced the program to governors, and 3 states are currently working with state rural development councils. With several state conventions still to be held 14 states have already presented 150 chapters with BOAC awards.

Examples of early BOAC projects indicate long-lasting effects from them on local communities.

The FFA chapter in Marbury, Alabama, recognized that their community needed a permanent library and that a bookmobile coming once every two weeks was inadequate. An old house in poor repair was obtained to serve as the community library. Twenty-five FFA members repaired the electrical wiring and plumbing, installed new light fixtures, built bookshelves, installed carpet, and painted the house inside and out. The Marbury Community Public Library now serves 1,000 people in a 10-12 mile radius.

The Montello, Wisconsin, FFA cooperated with the local Lions Club to help build the Marquette County Medical Clinic. To raise $500 for the new clinic chapter members volunteered to be auctioned off for a day's labor, some even for two days' work. At the end of the auction the Montello Chapter presented the Lions Club a framed BOAC certificate for the Lions' part in initiating plans for the medical clinic.

Planning trash disposal and clean-up campaigns, conducting bicycle and car safety programs, and improving recreation facilities are additional examples of on-going chapter projects. Many chapters, however, began their BOAC activities by conducting surveys to find out what their community needed and wanted. Such undertakings include job opportunity studies, housing surveys, and water testing programs. Thus, many large chapter BOAC projects are just getting a good start.

Get into Action

The national task of community development is a formidable, but not impossible task. It cannot be effective without leadership, understanding, and assistance of groups and individuals in the local community. Community development and better quality of living start with the wants, needs, and initiatives of local people.

BOAC is one way FFA members can help develop America's urban, as well as rural, communities. Do something to further involve your chapter in community activities—use BOAC.

Five lameness symptoms. And how to treat them.

1 Stiff-gaited walk, or refusal to stand on all four legs.
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4 Swollen hocks or pasterns, or sensitiveness to touch.
5 Swollen tendons.

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Fitting Cattle For Show

Fitting tips offered here can be of help to those who do not show, too.

By Richard George

Well fitted animals give you a better chance to win the showmanship contest even if they don't top their class.

PROPERLY fitting show cattle isn't just another farm chore, but a precise art. Mastering this specialty requires a lifetime of experience, but participation in exhibiting cattle demands only the tools of knowledge to cope with the experienced.

Cattle are creatures of habit. Thus, a regular daily feeding schedule will increase feed consumption. To be competitive, animals must display ideal finish. This necessitates proper feeding practices. Allowing one-year to 14-months for finishing show animals averts many breeding problems.

Bulky grain rations yield outstanding trouble free gains. My own ration is; equal parts rolled corn, rolled oats, and wheat-bran. This I fortify with a milk-base supplement (not exceeding 25 percent protein) and blackstrap molasses (diluted with water) to moisten the feed. Mineral and salt are most efficient fed free-choice because each animal can govern its individual needs. When fed twice daily, a calf should consume 2 percent its body weight in grain. Some herdsmen feed three times per day and 2½ percent of body weight should be eaten under such a program.

Amateurs overlook the importance of a bloomy hair coat. The "ole pros" swear that an inch of hair gives the appearance of a hundred pounds of meat. Daily brushing brings out the natural oils and induces the hair to grow. Washing two or three times before showing produces soft, manageable hair, but be careful of excessive washing. It robs the hair of its natural oils. Hair can be grown even in hot weather if given the correct grooming. Aside from brushing, keep animals inside during the day and wet their hair with a fine mist of water before turning them outside at night. The combination of wet hair and cool air awakens nature's instinct to provide more protection—hair.

About one week before transferring cattle to a show site, feed and water out of pans and buckets. This acquaints them with the upcoming routine. Also, tails should be clipped and top-lines blocked at this time. This allows a week for any hair nicks to grow smooth. Most scissor nicks can be avoided, however, by pulling the hair straight away from the body before cutting.

Usually cattle will continue eating and drinking at the show site if they are cut off of feed and water about 12 hours before moving. If they do go off feed, a change of diet will often coax them back on schedule. For example, if you're feeding wet feed, try dry feed, or if you're feeding prairie hay, offer them alfalfa. Oftentimes increasing the bran will restore normal eating habits. Always feed cattle on the road about half the amount they are fed at home, except when filling them for show.

Changing water can be a most frustrating experience in the life of a showman. Chlorine in city water, or merely a change of mineral content, can discourage show cattle from drinking. A teaspoon of salt on the back of the tongue each evening might entice a stubborn animal into a bucket of water. Many showmen add a spoonful of molasses to a bucket of water at home, hence, the same act on the road will give strange water a similar flavor. Just as with the feed, offer cattle all they want to drink only when filling.

For a top show, wash calves 24 hours ahead of judging. This lets them settle down and get back on schedule. Apply a mixture of oil (equal parts mineral oil, alcohol, and bay rum) to the hair before washing. This loosens any prevailing dandruff that hampers bloom. Use an easy lathering soap and soap them twice, rinsing all the soap out well with the last rinse. To give the hair body, mix a tablespoon of dip in a gallon of water and pour it down the animal's back so it runs evenly down the sides.

After curling, let the hair set-up and brush only the extreme tips of the hair up with a rice root brush. As soon as the hair has dried to the stage of dampness, pull up the curls vigorously with a scotch comb.

Arise early on show-morning. You've worked all year for this event so don't spoil a victory by being late. Fill your cattle about an hour ahead of the judging so you can be getting them groomed. Take a turkish towel and oil the hair with the same oil used before washing. This makes a sheen in clean hair.

Now pull up and brush the hair into place, combing it out on the rear-end. This adds to the appearance of thickness and muscling. Fluff the tail by back-combing the switch to hide any faults in the twist region. Since heavy-boned animals are desirable, wax the hair on the legs and comb it up.

Be the first one in the ring. Your animal will be firmly implanted in the judge's mind as he places the class. Keep track of the judge, or he may see your entry standing awkwardly because you didn't see him coming up behind you.

Armed with the proper knowledge, you can triumph in the show ring and raise the stature of your cattle.

FFA in Action

(Continued from Page 30)

dismantled and any material of value was auctioned off for reuse.

For devoted community development work the Belmond FFA Chapter presented the BOAC Award Citation to the Belmond Jaycees. David Basener was FFA chairman of chapter community development activities. Dave Nelson is chapter president. Mr. Keith Carlson is the vocational agriculture instructor.

The chapter received the "Belmond Beautiful Achievement Award" from the city of Belmond. This project and the rallying of other groups was instrumental in Belmond being chosen to receive an honorable mention citation from the National Chamber of Commerce in a ceremony in Washington, D.C.

Officers on the Go

National FFA Officers talked business with Mr. E. S. Donnell, President of Montgomery Ward while in Chicago.

Jim Beard, National Vice President of the Southern Region, makes a point at the banquet with J. I. Case officials.

Sweetheart Beef

A group of ten ladies from the Lakin, Kansas, community, including the Lakin Chapter FFA Sweetheart Peggy Taylor, have formed an agricultural corporation named First Ladies, Inc. The ladies buy 100 to 150 steers each month that weigh 650-750 pounds and have them contract fed to a choice grade at a local feedlot. They keep the cattle on feed for 120-130 days. The corporation has sold two pens and have five more on feed. *(Dean Hoppas, Advisor)*

A Special Governor

Governor Russell W. Peterson was a special visitor to Delaware's forty-first FFA Convention held at the Caesar Rodney High School near Dover. While he was there National FFA President Dan Lehmann presented the governor with the Distinguished Service Award previously granted to him by FFA for his support of youth organizations.

Governor Peterson is an outstanding supporter of youth groups. He persuaded the Delaware legislature to appropriate a sum of money to help support vocational youth organizations. In speaking to the FFA delegates present he mentioned that he had given special attention to FFA in filling his cabinet and that two of his appointees were former FFA members. One, Wallace Caulk, Commissioner of Agriculture, was a Regional Star Farmer in FFA and later his son Wallace, Jr. was also named a Regional Star Farmer.

When introducing the governor, State FFA Advisor Frederic Myer said, "We can always get an appointment with the governor by telling him we want to talk about the FFA."

Delaware Governor, Russell Peterson, accepts a Distinguished Service Award from National FFA President Lehmann.

Ton of Textbooks

A ton of school textbooks was shipped by the Forest Lake, Minnesota, FFA Chapter to needy students at Kenya, Africa. Results of the goodwill gesture will be evaluated firsthand by Lee Sandager, former Forest Lake High School vocational agriculture instructor. (See "Big Game Hunting in Africa," February-March, 1971, issue.)

When Mr. Sandager arrived in Kenya he soon learned that the supply of textbooks was almost nil and therefore requested help from the Forest Lake FFA Chapter.

An estimated 2,000 books were collected. It took about one year to collect the shipment which included mostly agricultural and science books.

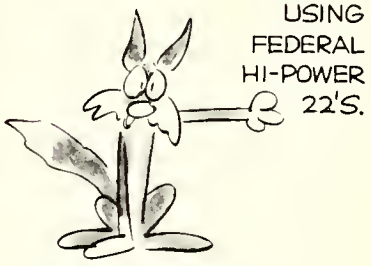
Berger Transfer of St. Paul offered to transport the books to New York free of cost. Shipping charges from

(Continued on Next Page)

A FEDERAL CASE

MY **SELF-CONTROL** IS SLIPPING AWAY. MAYBE IF I JUST SIT QUIETLY AND **CONCENTRATE** ON ONE THING.

THIS MORNING THAT **OVER-ACHIEVER** DOWN THE ROAD WAS OUT PLINKING.



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AFTER ALL, I HAVE MY **REPUTATION** TO CONSIDER. POETS AND STATESMEN CALL ME THE MOST **CUNNING** BEAST OF PREY. THE **SLY** FOX.

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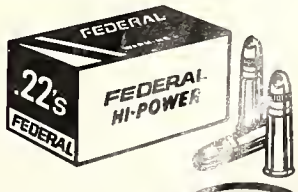

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And then be sure your Chapter has ordered FFA Calendars.

FFA in Action

(Continued from Page 33)

there to Kenya were approximately 30 cents per pound or a total of $540.

The local chapter earned more than $600 through various projects to finance the book shipment. Largest proportion of the funds was obtained by a Walk for Development. Twenty-three persons walked from Forest Lake to the University of Minnesota campus at St. Paul in conjunction with the Minnesota State FFA Convention being held at the time. The walk netted $500.

Several elementary schools and another chapter contributed, too. The Hastings FFA has collected books for the Philippines. After they shipped, people kept bringing them books, so they gave the Forest Lake drive a start.

These Forest Lake, Minnesota, FFA'ers load textbooks for shipment to Africa.

Nursery for Conservation

Members of the WaKeeney, Kansas, FFA have formed a Nursery Cooperative. The chapter cooperative buys bare-rooted cedars and pines each spring, pots them, cares for them, and then sells them the following spring to conservation minded farmers and ranchers. They are currently growing 2,000 seedling conifers.

Valuable experience is gained by all members as they participate in the purchasing, handling, and selling of nursery items. To coordinate the activities of the nursery, the cooperative's board of directors hired one manager, Gerald Armbruster, an FFA member. His salary is paid from the proceeds of the FFA cooperative.

The project provides a needed service for cooperators with the Trego County Soil Conservation District. As well as furnishing conservation materials, the cooperative buys and sells landscape materials. Since there is no other nursery in the county this is both a community service and money raising project for the chapter.

After a year in pots, the tiny trees have a stronger root system. When they are planted in windbreaks or shelterbelts called for in farmers' soil conservation plans, more of them live and grow. *(David Hille)*

Idea of Involvement

Members of the Lancaster, Texas, FFA rode a float in the Cotton Bowl Parade.

Terry Cheshier, Mark Roddy, and Advisor Bruce Moreland of the Lancaster, Texas, FFA Chapter appeared on the float, "It's A World of Involvement" in the Cotton Bowl Parade this past New Year's Day. Along with two young people and one adult representing the Boy Scouts of America, Campfire Girls, and Candy Stripers, the FFA representatives helped convey the idea that involvement of adults and young people in constructive activities is necessary to the individual and community.

As the float was viewed on nationwide television, cameramen at street level seemed to notice especially the FFA members and the steer. Narrators of the Cotton Bowl Parade explained the attributes of FFA and its youth training as well as that of the other youth groups.

The meaningful float was jointly sponsored by Texas Power & Light Company, Dallas Power & Light Company, Lone Star Gas Company, and South-

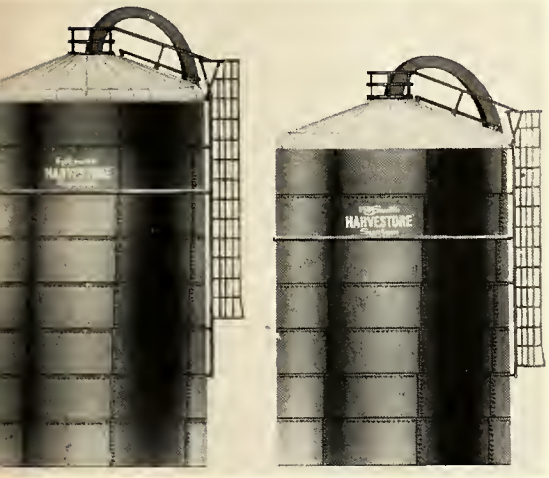
(Continued on Page 36)

"I knew there was a catch. This is confederate money!"

Tony Lama's new L260-J-3 boot combines both foot and top in soft bone kitty tan, offset by chocolate lizard wing tip. The boot has 11-inch shallow scallop, one row stitch design, and a welted sole.

A protective saddle cushion has been added to 3M Company's animal care line. The washable upper portion is made of ½-thick, resilient, synthetic matting. The disposable bottom layer is an absorbent fiberous web liner with a smooth non-irritating surface. Cushions measure 30 by 30 inches and come in blue, green, red, or yellow.

Something New



A. O. Smith Harvestore, in addition to the 3,760 bushel Mini Harvestore, has introduced two new sizes of high moisture equipment. Model 2539, left, has a 25-foot diameter and 39-foot height. Model 2534, right, measures 25 feet across and 34 feet high. Capacities are 13,900 bushels and 12,000 bushels respectively—based on 1.245 cubic feet per bushel.

The new D4 low ground pressure tractor by Caterpillar features a longer track roller frame for greater fore-aft stability. A wider track gauge permits center mounting of the extra wide, 30-inch shoes for lateral stability.

A new baby pig waterer is available from Pax Steel Products of Troy, Ohio. The waterer holds one gallon and operates by vacuum, having no floats or valves. The plastic bottle is removable.

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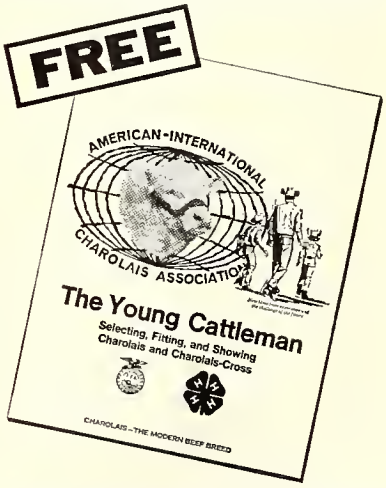

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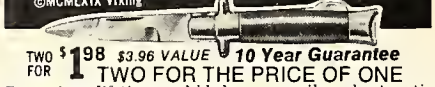

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FFA in Action

(Continued from Page 34)

western Bell Telephone Company. Not only does the float depict the idea of involvement, it was involvement.

Mothers' FFA Club

In Stratford, Oklahoma, mothers of the chapter members are organized as the FFA Mothers' Club.

The club's program is designed to serve the chapter's total needs. A recent project was to construct pens and a show ring inside a 60 x 100 foot barn. They had already raised $6,000 to construct the barn and now the mothers hope to raise $4,000 to complete the inside of the barn. Present plans call for bake sales, operating concession stands at area farm sales, and sponsoring the FFA member work sale.

The club, perhaps the most active FFA mothers' club in Oklahoma, was organized in 1961. In past years the club has purchased equipment for the chapter valued at some $1,200. This includes an arc welder, a 16-foot tandem trailer, and an aluminum canopy for the vo-ag department pickup.

The club not only supports the boys in their agricultural activities but also sponsors social activities for the FFA members. The mothers sponsor an FFA-FHA sweetheart party, an ice cream social during the summer, and a watermelon feast at the beginning of school. They also cook and serve the meal at the annual FFA banquet each spring.

The Mothers' Club is well organized. It has a constitution and bylaws and a creed written by the club members. They meet on the third Monday night of each month—September through April—in Stratford's vo-ag building.

Programs for meetings may include ways to help their son keep his FFA scrapbook up-to-date, a film on the FFA Star Farmer of America, or a talk by a local agribusinessman. *(Eddie Beltram)*

The canopy and trailer pictured here were contributed by the Mothers' Club.

Stopping A Fire

Members of the Woodlake, California, FFA were returning from a field trip when they spotted a fire that had just started at the edge of the road. They were in an area of grassy rangeland with scattered brush and trees where fire is a dreaded enemy.

The eight members and their advisor used their undershirts, tree branches, and anything else they could find to finally contain the blaze, which charred about one-half acre.

Quick action by Woodlake, California, members stopped the fire just in time.

Pat Atherton, Don Shrout, Fred Vanderhoof, Joe Norris, Stanley Lira, Paul Woods, Merle Burke, Dave Blakslee and Advisor Donald Simpson fought the fire.

The animals science class had gone to the foothills of the Sierra Nevada Mountains to visit an equestrian ranch and learn more about jumping, dressage, and care of horses. The ranch trains riders and horses for show competition.

Calendar of Events

July 26-30—Board of Directors and National Officers Meeting, Olde Colony, Alexandria, Virginia
October 13-15—National FFA Convention Kansas City, Missouri

National FFA Conferences

Washington, D.C. — Alexandria, Virginia
June 14-19, June 21-26—Chapter Impact
July 5-10, July 12-17—Leadership-Citizenship
July 18-25—State and National Officers
August 2-7—Agriculture Public Relations
August 9-14—Agriculture Career

Sub-Regional State Officer Leadership Conferences

June 24-25—Wyoming
June 27-30—Kentucky-Hardinsburg
June 28-30—New Mexico
June 29-July 1—Kansas-Kansas City
July 6-10—Alabama-Mobile
August 2-4—New Hampshire
August 2-4—Georgia
August 9-11—Idaho

State FFA Conventions

July 12-14—Kansas-University of Kansas, Manhattan
July 14-16—Georgia-Atlanta
July 14-16—Texas-Houston
July 15-18—West Virginia-Weston
August 11-14—Arizona-University of Arizona, Tuscon

Summer Jobs

FINDING summer jobs will be harder to obtain than last year. Unemployment, inflation, strikes, and the current business climate may prohibit many students from finding much needed employment.

"Yet," says William MacLeod, director of student employment at Michigan State University Placement Center, "there are numerous jobs available, but students must go out and get them." He lists four points of advice for students seeking summer employment.

- First, students should look early and actively for jobs.
- Second, students should not be afraid to seek help in finding employment, even if it means working through a relative or friend to get a job.
- Third, students should contact the local branch of their state employment commission, a member of the National Alliance of Businessmen, or in some cases, their local Chamber of Commerce to aid them in finding a job.
- Finally, they need to follow up any inkling of a job offer from a prospective employer, even if it means making several appointments.

The director also emphasied that professional experience gained on a summer job can mean more job offers at graduation and a higher starting salary.

Youth Conservation Corps

THE Youth Conservation Corps (YCC), a summer-month work and education program, will start in June, 1971. In the first year of a three-year pilot program 56 YCC camps will be operated in 36 states, the District of Columbia, and American Samoa.

The YCC is intended for young men and women, ages 15 through 18, of all social, economic, and racial classifications. At various camps young people will be trained and work in clearing stream banks, building trails, tending to fish hatcheries, constructing park facilities, planting trees, surveying land, and correcting erosion problems. They will also gather air and water samples, study animal habitats, and be concerned with the safety of others.

Conducted jointly by the Departments of Agriculture and Interior, half of the YCC participants will be employed in national forests by the USDA's Forest Service. The other half will serve on lands of the Interior's National Park Service, Bureau of Sport Fisheries and Wildlife, Bureau of Reclamation, Bureau of Indian Affairs, Office of Territories, and Bureau of Land Management. YCC camps will include both residential camps—youth reside at camp—and non-residential—youth reside at home and commute. Separate camps for young men and women as well as co-educational camps will be part of the YCC program.

YCC participants will receive a minimum of $300 take-home pay after deductions for their eight-week tour of duty. They will also receive room and board. Other participants in the non-residential program will receive a slightly higher rate of pay in lieu of room and board.

Corps members will be recruited from both rural and urban centers and employed as near to their residences as feasible. Being a pilot program about 2,200 of the nation's youth will be enrolled the first year.

According to Forest Service Staff Specialist Jim Kimble, Division of Manpower and Youth Conservation Programs, youth can obtain application blanks and file them *only* at the designated local areas. Announcement of the participating area school systems or community youth-serving organizations for the YCC camps are being made through local news media.

"Oh-Oh-and this is report card day!"

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"Now tell me," said the English teacher, *"what is the opposite of the word misery?"*

"Happiness," replied the class.

"And sadness?"

"Gladness," the students answered.

"And the opposite of woe?"

"Giddap!" shouted the students.

Leroy Steffen
Long Prairie, Minnesota

Micky: *"I can sing the 'Star Spangled Banner' for hours."*

George: *"Big deal I can sing the 'Stars and Stripes Forever.' "*

Calvin Wilson
Autaugaville, Alabama

"Just as I was walking up to accept the safety award of the year at the annual banquet someone dropped a banana peel!"

Joe: *"Give me a glass of water, Fred."*

Fred: *"What do you want water for, are you thirsty?"*

Joe, sarcastically: *"No, I just want to see if my neck leaks."*

Cecil Smith
Hamilton, Mississippi

Credit Manager: *"Do you have any money in the bank?"*

Jones: *"Certainly!"*

Credit Manager: *"How much?"*

Jones: *"I don't know. I haven't shaken it lately."*

James Anderson
Marion, Alabama

Joe: *"I just got a new French poodle for my wife."*

Fred: *"Boy, would I like to make a trade like that."*

Ricky Cox
Rocks Springs, Georgia

"Why did Humpty Dumpty have a great fall?" "To make up for a lousy summer!!"

Elaine Romano
Van Nuys, California

The drill sergeant barked a command, *"All you dummies fall out."* With much confusion and clatter every man in the company except one fell out and took off. The sergeant glared at the remaining recruit and said, *Well?"* The rookie smiled and replied, *"There sure were a lot of them weren't there Sarge."*

Dean Edenfield
Metter, Georgia

Buyer: *"Is 'Ballpoint' really the name of your pig?"*

Seller: *"No, that's just his pen name."*

Charles Brunner
Stockdale, Ohio

"Of course I know your mother is right, honey." "I'm just looking to see if the encyclopedia is."

Daniel Brown
Arnaudville, Louisiana

Bill, age eight, was being taught the proper way to ask a girl for a dance. A half hour later Billy asked the teacher, *"Now how do I get rid of her?"*

Roann Whitney
Livermore, California

Jack: *"Do you think I should put more fire into my jokes?"*

Publisher: *"No, I think you should put more of your jokes into the fire?"*

Buford Wilson
Calhoun, Tennessee

"So this is a battle of wits between you and me, eh?"
"No, I never attack an unarmed man."

Barbara Mailloux
Corona, California

Rhubarb is celery with high blood pressure.

Steve Hall
Quaker City, Ohio

"What do they call wheelbarrows in Florida?"

"They don't call 'em, they go get 'em."

Pamela Little
Atmore, Alabama

"What were all those chickens doing in front of your house this morning?"

"They heard someone say he was going to lay a sidewalk, and they wanted to see how it was done."

Richard Hutchinson
Lima, Ohio

The policeman helped the battered man up from the pavement in front of the local hangout and asked: *"Can you describe the man who hit you?"*

"That's exactly what I was doing when he hit me," replied the man.

Hamed Omar
Ross, North Dakota

Father: *"Who broke that chair in the parlor last night?"*

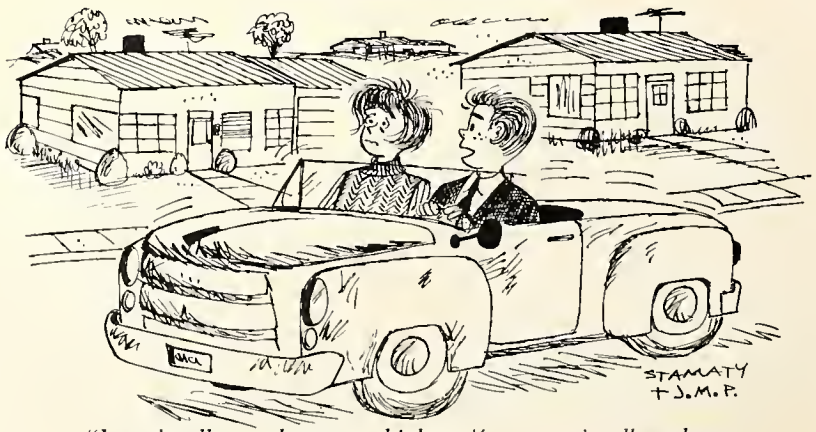
Daughter: *"It just collapsed all of a sudden, Pop. But neither of us was hurt."*

Mike Wilcox
Finley, Indiana

Two drunks were walking down a railroad track and one said, *"This is the longest staircase I have ever walked down."* The other replied, *"The walking doesn't bother me, it's just these low hand rails!"*

Mike Johnson
Royse City, Texas

Charlie, the Greenhand



"I won't tell you about my chickens if you won't tell me how nice Eddie's car rides."

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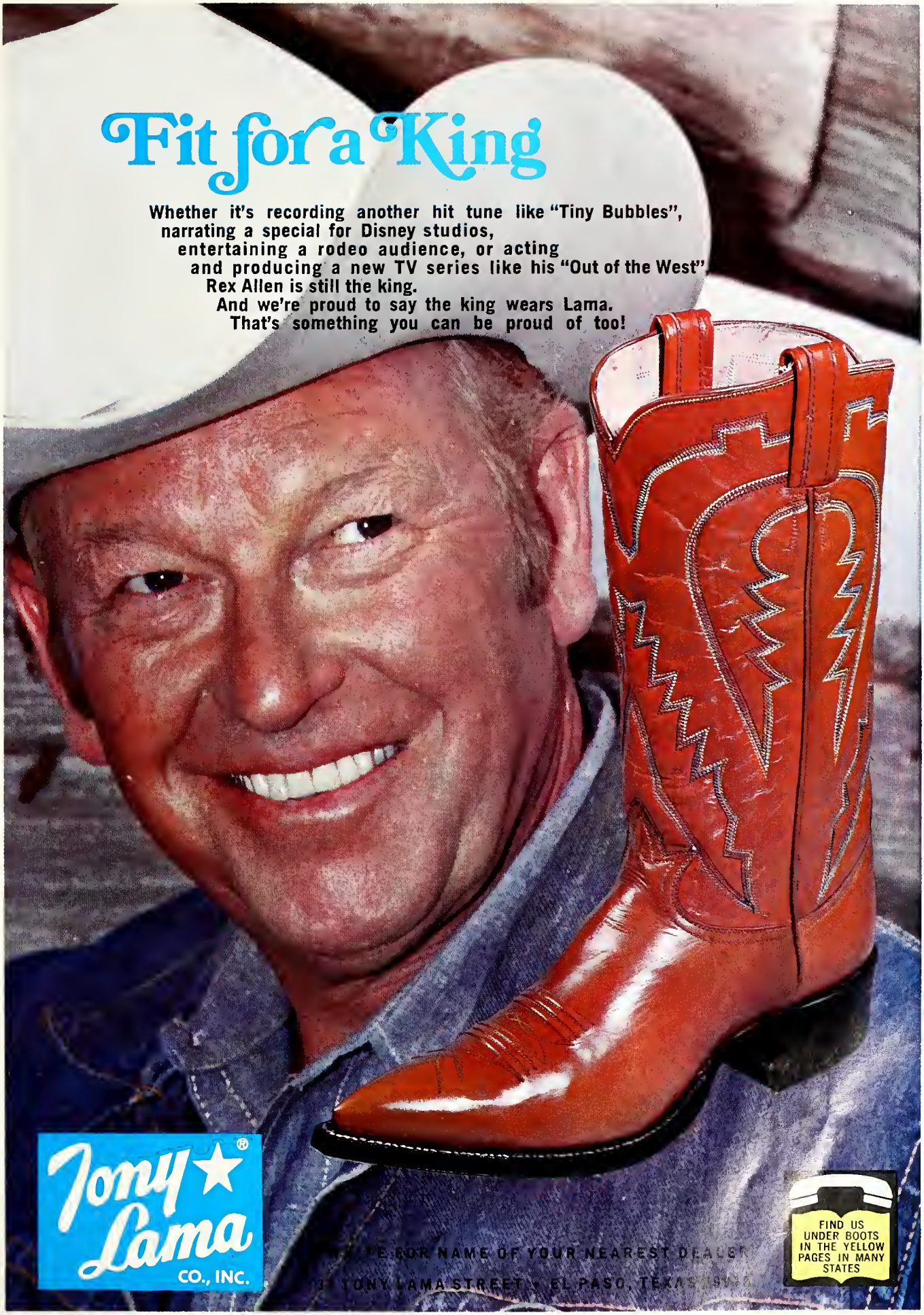
Fit for a King
Whether it's recording another hit tune like "Tiny Bubbles",
narrating a special for Disney studios,
entertaining a rodeo audience, or acting
and producing a new TV series like his "Out of the West"
Rex Allen is still the king.
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No other windrower has anything like it. Power comes from *both* sides to drive the exclusive split sickle. It's an arrangement that means:

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2. Less power gets wasted in vibration because the two sections of the sickle tend to counterbalance each other, to "cancel out" much of the vibration in the header.

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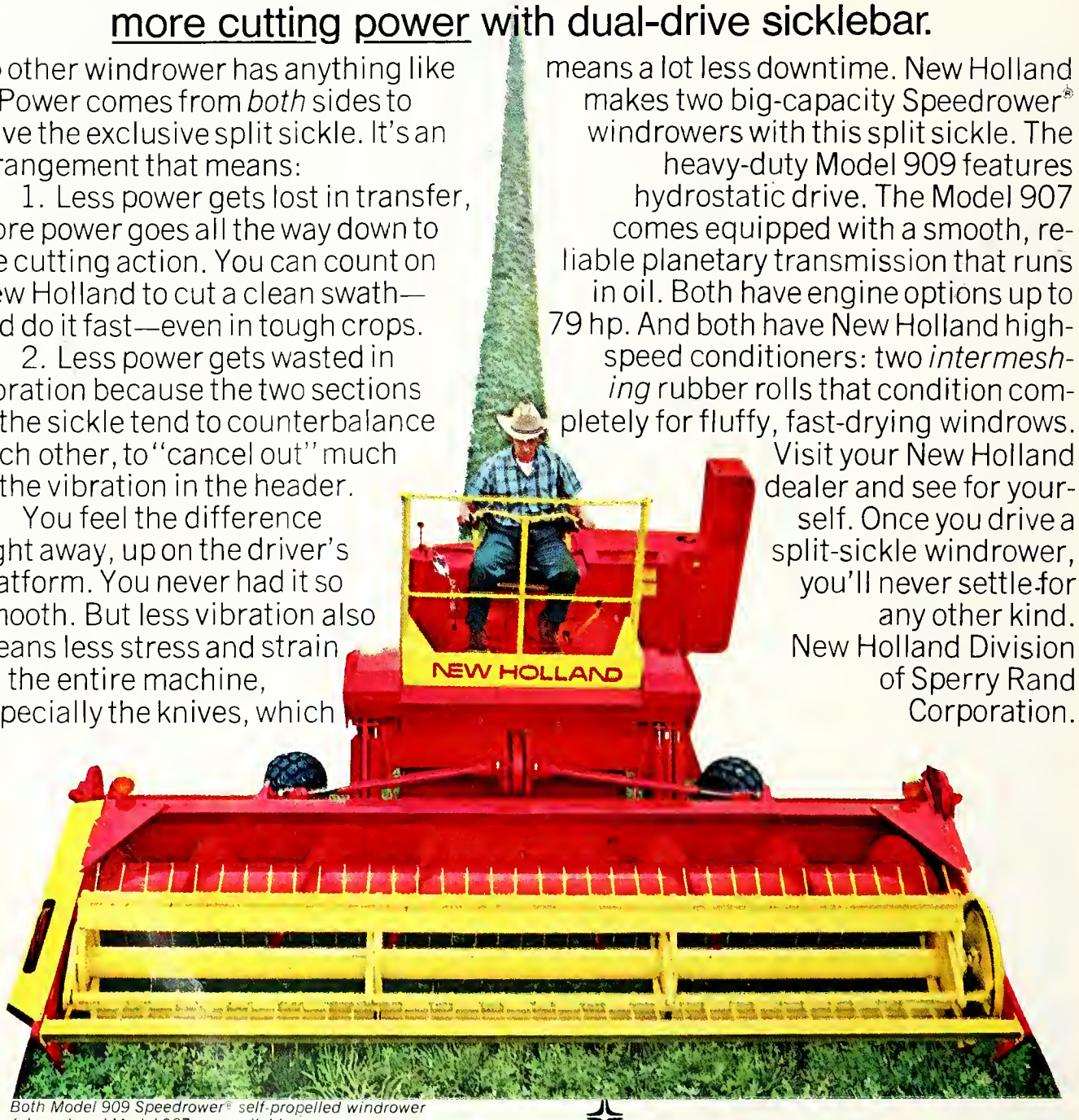

Both Model 909 Speedrower® self-propelled windrower (shown) and Model 907 are available with 12-, 14-, and 16-foot auger headers.

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